

Manitoba Immunization Report

Manitoba Immunization Monitoring System (MIMS)

Annual Report 2008

COMMUNICABLE DISEASE CONTROL

Communicable Disease Control Branch
Public Health Division
Manitoba Health



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1. Overview

Immunization is one of the most effective and cost-efficient health interventions of modern times. In the last 50 years, immunization has probably saved more lives in Canada than any other health intervention (*Canadian Immunization Guide*, 7th Edition, 2006). Immunization registries play a key role in ensuring that individuals receive all recommended immunizations and avoid those that are unnecessary. These registries also permit efficient evaluation of the immunization status of specific individuals, groups or the population overall.

Manitoba's immunization registry, the Manitoba Immunization Monitoring System (MIMS), became functional province-wide in 1988, making it the first such registry in Canada. The aim of the MIMS annual report is to provide an overall picture of childhood, influenza and pneumococcal immunization that can be used to inform priority setting, policy development, program planning and evaluation. The *2008 MIMS Annual Report* is the seventh such report produced using a standardized methodology to allow year-to-year review of progress against provincial and national immunization rates.

MIMS is managed by the Public Health Planning Branch, Public Health and Primary Health Care, Manitoba Health (MH). Initially, MIMS only recorded immunizations provided to children (born after 1980). In 2000, adult immunizations were added to the registry. Immunization events are captured in MIMS in two ways: publicly-funded immunizations administered by physicians are entered into the system via the physician billing system; all other immunizations, such as those provided by public health nurses, are recorded by data entry staff in the regions. The goal is to have all immunizations administered in Manitoba recorded in MIMS.

MIMS captures information related to an immunization event, including type of vaccine administered, date of administration and service provider. This data is the basis of a variety of immunization reports, including this annual report. MIMS also provides a centralized "reminder" function, automatically generating letters on a monthly basis to parents of children aged 15 months, 20 months and 5 ½ years who may be missing recommended immunizations (as per Manitoba's Routine Immunization Schedule for Infants and Children, Appendix 1) and encouraging them to ensure their children's immunizations are up-to-date. Over 155 sites have MIMS access throughout the province. Usually associated with public health offices, these sites provide information on the immunization status of clients to health care providers and allow data input following the delivery of an immunization.

Your comments and suggestions to make future reports more informative are most welcome. To provide feedback please contact:

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2. Glossary

ABBREVIATIONS

FNIH	First Nations and Inuit Health
MH	Manitoba Health
MIMS	Manitoba Immunization Monitoring System
Pop	Population
RHA	Regional Health Authority

IMMUNOGENS

Diphth	Diphtheria
HB	Hepatitis B
Hib	Haemophilus influenzae type b
Flu	Seasonal influenza
MC	Meningococcal Conjugate C
PCV7	Pneumococcal Conjugate 7 valent
Pert	Pertussis
Tet	Tetanus
V	Varicella

VACCINES

DTaP-IPV	Diphtheria, acellular Pertussis, Tetanus, Polio
DTaP-IPV-Hib	Diphtheria, acellular Pertussis, Tetanus, Polio, Haemophilus influenza type b
HBV	Hepatitis B Vaccine
HEPA/B	Hepatitis A and B
Flu	Seasonal Influenza
MC	Meningococcal Conjugate
MMR	Measles, Mumps, Rubella
PCV7	Pneumococcal Conjugate 7 valent
PPV23	Pneumococcal Polysaccharide 23 valent
Td	Tetanus, diphtheria
Tdap	Tetanus, diphtheria, acellular pertussis
V	Varicella

3. Description of Criteria for MIMS Annual Report

The annual report includes eight separate reports that fall into two main groupings: Childhood Immunization Reports and Influenza and Pneumococcal Immunization Reports. These reports provide information on immunization coverage by age or by region of residence (coverage reports), and a description of who provided vaccine doses by region of practice (vaccine doses reports).

A consistent format is followed for each report. Data is provided for Manitoba overall and then for each of the 11 regional health authorities (Appendix 2). The data is grouped by First Nations status, Non-First Nations status, and a total overall. Cell-sizes less than or equal to 5 have been suppressed to minimize the potential for identification of individuals.

First Nations Status is based on voluntary self-declaration at the time of registration with Manitoba Health. First Nations and Inuit Health (FNIH) estimate that this represents approximately 65 per cent of the status First Nation population. First Nations and Inuit Health is responsible for providing immunizations to First Nations clients living on reserve (approximately 60 per cent of the status First Nation population). Audits indicate that gaps exist between immunizations administered to FNIH clients as documented on paper records versus those data entered into MIMS. Actual coverage rates for FNIH clients are, therefore, likely higher than those generated using MIMS data.

3.1 Coverage Reports

3.1.1 Childhood Immunization Coverage Reports

The data represented in these reports represents the percentage rates of children who are completely immunized from birth with a specific number of doses for a particular immunogen (see definition below) or all the recommended immunogens for a particular age. The accepted terminology to describe this is "Complete for age from birth." Coverage reports do not include children who were not immunized as per the routine recommended immunization schedule from birth.

Complete for age from birth: For the purposes of this report, a child is required to have received the recommended doses of an immunogen from birth, as per the schedule given below. For example, to determine coverage at age two for diphtheria, the denominator would be all children who turned two years of age in 2008 and the numerator would be those children from the denominator group who had received four doses of the diphtheria immunogen by their second birthday. If even one dose is missed, a child would not be considered "complete for age from birth" and would not be included in the coverage rate.

Table 1: Total Doses Required to be "Complete for Age from Birth"

Immunogen	Age in Years				
	1	2	7	11	17
Diphtheria	3	4	5	5	6
Tetanus	3	4	5	5	6
Pertussis	3	4	5	5	6
Polio	2	3	4	4	4
Hib	3	4	4	0	0
PCV7	3	4	0	0	0
Measles	0	1	2	2	2
Mumps	0	1	1	1	1
Rubella	0	1	1	1	1
Varicella	0	1	0	0	0
Hepatitis B	0	0	0	3	3
Men-C-C	0	0	0	1	0

Doses required: The number of doses of immunogens required to be complete for age from birth is as per Manitoba's Routine Immunization Schedule for Infants and Children (Appendix 1).

Coverage by Immunogen: The coverage reports are listed by immunogen rather than by vaccine, as vaccines may include more than one immunogen and the immunogen composition of vaccines can change over time. The term immunogen, rather than antigen, is used in this report to be consistent with the *Canadian Immunization Guide*, 7th Edition. All doses of each immunogen were included in the coverage report irrespective of the vaccine given. For example, hepatitis B reflects all doses of immunogen administered to individuals including those from hepatitis A/B combination vaccine (Twinrix) and hepatitis B vaccine.

Immunogen: a substance capable of inducing a specific immune response

Age in years reflects a client's age on date of birth within the calendar year 2008; for example, if a child turned three years of age on May 1, 2008 the child is considered to be three years old for the purpose of this report.

Continuous residents in Manitoba is determined based on an individual being continuously registered with Manitoba Health for insured benefits from birth until December 31, 2008.

Non-continuous residents would include clients who, for example, may have been born in Manitoba, moved out for a period of time and then returned; or clients who were not born in Manitoba and moved to the province.

All residents include continuous and non-continuous residents, as defined above.

Childhood Immunization coverage rates (Report 1, 2, 3 and 4) were calculated as follows:

$$\text{Rate}/100 = \frac{\text{Number of individuals in age group "X" from the MIMS dataset}}{\text{Number of individuals in age group "X" in the population dataset}} \times 100$$

The numerator was determined as follows:

- The MIMS data used was an April 2009 "snapshot" (to permit immunizations occurring at the end of 2008 to be entered) of individuals complete for age from birth, from the MIMS database that was provided by MH's Information Systems Branch. Multiple years of data are required to determine whether children are complete for age from birth. Immunizations where the service date is unknown were excluded. The data were summarized by individual and included: age, First Nations status and a count of immunogen doses.
- The MIMS data was linked to the MH Registry to determine client **region of residence**. Each individual was assigned to only one region of residence (Appendix 2) during the reporting period (2008), irrespective of whether or not they lived in multiple health regions since birth. The region used was the health authority in which the individual was resident as of April following the report year (i.e., April 2009) to coincide with the MIMS April snapshot of doses administered as of December 31, 2008.

Region of residence: the regional health authority within which the individual resides

The denominator was determined as follows:

- The number of people within a specific health region was determined as of June 1 during the report year (June 1, 2008). This population data comes from the MH Population Report and is based on records of residents registered with MH as of that date.

Notes:

- Immunogens included in one vaccine may require a different number of doses to be considered complete for age from birth. This may result in different coverage rates for each immunogen included in the same vaccine. For example, the measles, mumps and rubella vaccine (recommended at 12 months and again at four to six years of age) requires two doses of measles, but only one dose of mumps and rubella for a child to be considered "complete for age from birth."
- Hib doses are required at ages one, two and seven years. Hib is included in the immunogen coverage reports for children at age 11 and 17 years for information only as there is no provincial recommendation for Hib vaccine after children reach age 60 months. Hib is not included in "complete for age from birth" requirements for children beyond the age of seven.
- There was a substantial increase in Hib coverage rate in 2008 for 17 year olds as this cohort reached this age since the introduction of Hib in 1992.
- One dose of varicella vaccine at the age of two years is required for a child to be "Complete for Age from Birth for all Immunogens" (Reports 3 and 4). However, it may not be clinically recommended for a child to receive varicella immunization by this age if he/she has a previous history of varicella illness. This may result in slightly lower rates for "Complete for Age from Birth for all Immunogens."

As a result of the differences in when individuals in the numerator and denominator are assigned to a regional health authority, coverage rates may be greater than 100 per cent if the number of individuals vaccinated against a particular disease is greater than the number of individuals assigned to that regional health authority.

3.12 Influenza and Pneumococcal Coverage Report

Influenza and pneumococcal immunization coverage rates (Report 6) were calculated as follows:

$$\text{Rate}/100 = \frac{\text{Number of immunized individuals in age group "X" from the MIMS dataset}}{\text{Number of individuals in age group "X" in the population dataset}} \times 100$$

The numerator was determined as follows:

- The MIMS data used was an April 2009 "snapshot" (to permit immunizations occurring at the end of 2008 to be entered) of individuals who have received influenza or pneumococcal immunizations, as per the MIMS database. The data were summarized by individual and include age, First Nations status and a count of individuals receiving a dose of influenza or pneumococcal vaccine.
- The age of the individual was determined as of his/her birthday within the calendar year. Age data were converted to age groups: birth to two years, three to 17 years, 18 to 64 years, <65 high risk, <65 all and 65+ years. The "<65 high risk" population estimate was based on a calculation of 11 per cent of the total under-65 population. The same estimate was used for both influenza and pneumococcal high-risk groups, although the target population for immunization is not identical. The "<65 high risk" numerator data are those doses identified via public health data entry in MIMS, as doses recorded via physician billing do not capture this information. These same doses are also included in the "<65 all" category and coverage calculations.
- For influenza, only immunizations administered during 2008 are used in this report.
- For pneumococcal immunizations, the data are analyzed twice: the first report includes only those doses administered during 2008; the second, all individuals who have ever received a pneumococcal immunization (presented as a cumulative coverage rate). The cumulative data is important as the eligible population is recommended to have one dose.

- The MIMS data was linked to the MH Registry to determine client **region of residence**. Each individual was assigned to only one region of residence (Appendix 2) during the reporting period (2008), regardless of whether or not they lived in more than one region during that time. The region used was that in which the individual was resident as of April following the report year (April 2009) to coincide with the MIMS April snapshot of doses administered as of December 31, 2008.

The denominator was determined as follows:

- The number of people within a specific health region is determined as of June 1 during the report year (June 1, 2008). This population data comes from the MH Population Report and is based on records of residents registered with MH as of that date.

3.2 Vaccine Doses Report

These reports reflect doses administered by providers from January 1 to December 31, 2008, based on the region in which they practice (Appendix 2). The same data cannot be used to calculate immunization coverage rates as providers do not have a particular population denominator to which they are assigned.

These data reflect doses administered by four different provider types:

Provider location: the region (RHA) in which a provider's practice is located

- Public health nurse (off reserve)
- Physician
- First Nation/Tribal Council (all providers on reserve, including public health nurses)
- Other (all other providers, including facilities, primary care providers, pharmacies and other unknown providers)

3.21 Childhood Vaccine Doses Report

Vaccine doses are reported by provider type for all vaccines recommended in Manitoba's Routine Immunization Schedule for Infants and Children (Appendix 1). Td doses are also reported to capture individuals \geq seven years of age who received tetanus and diphtheria alone.

3.22 Influenza Vaccine Doses Report

Influenza doses are reported by provider type and reason for immunization. Reason for immunization is based on the MH eligibility criteria for influenza vaccine. These criteria include: health care worker, high risk, household contact, no risk identified (client paid) and outbreak immunization. Immunizations captured via the physician billing system do not include the reason for immunization and therefore these vaccines doses are reported as "no reason given."

3.23 Pneumococcal Vaccine Doses Report

Pneumococcal doses are reported by provider type and reason for immunization. Reason for immunization is based on the MH eligibility criteria for pneumococcal (PPV23) vaccine. These criteria include: high risk, no risk identified (client paid) and outbreak immunization. Immunizations captured via the physician billing system do not include the reason for immunization and therefore these vaccine doses are reported as "no reason given."

4. Childhood Immunization Reports

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

NOTE:

This report includes both continuous and non-continuous Manitoba residents.

MANITOBA

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	2,572	1,673	1,673	1,673	2,182	1,671	1,653	55	55	55	47	20	6	169
Rate per 100 children		65.0	65.0	65.0	84.8	65.0	64.3	2.1	2.1	2.1	1.8	0.8	0.2	6.6
Non-First Nations	12,972	10,591	10,592	10,588	11,580	10,558	10,274	334	319	320	297	176	418	1,951
Rate per 100 children		81.6	81.7	81.6	89.3	81.4	79.2	2.6	2.5	2.5	2.3	1.4	3.2	15.0
Total for 1-year-olds	15,544	12,264	12,265	12,261	13,762	12,229	11,927	389	374	375	344	196	424	2,120
Rate per 100 children		78.9	78.9	78.9	88.5	78.7	76.7	2.5	2.4	2.4	2.2	1.3	2.7	13.6
Age 2														
First Nations	2,346	1,414	1,414	1,414	2,008	1,409	1,372	1,991	1,991	1,991	1,754	19	6	259
Rate per 100 children		60.3	60.3	60.3	85.6	60.1	58.5	84.9	84.9	84.9	74.8	0.8	0.3	11.0
Non-First Nations	12,666	9,369	9,368	9,364	11,098	9,286	8,915	10,934	10,926	10,925	9,803	369	545	2,817
Rate per 100 children		74.0	74.0	73.9	87.6	73.3	70.4	86.3	86.3	86.3	77.4	2.9	4.3	22.2
Total for 2-year-olds	15,012	10,783	10,782	10,778	13,106	10,695	10,287	12,925	12,917	12,916	11,557	388	551	3,076
Rate per 100 children		71.8	71.8	71.8	87.3	71.2	68.5	86.1	86.0	86.0	77.0	2.6	3.7	20.5
Age 7														
First Nations	1,923	1,224	1,224	1,221	1,694	1,415	***	1,464	1,870	1,870	399	12	11	101
Rate per 100 children		63.7	63.7	63.5	88.1	73.6	N/A	76.1	97.2	97.2	20.7	0.6	0.6	5.3
Non-First Nations	12,988	9,432	9,429	9,385	10,968	10,110	38	10,204	11,746	11,748	4,551	749	588	861
Rate per 100 children		72.6	72.6	72.3	84.4	77.8	0.3	78.6	90.4	90.5	35.0	5.8	4.5	6.6
Total for 7-year-olds	14,911	10,656	10,653	10,606	12,662	11,525	38	11,668	13,616	13,618	4,950	761	599	962
Rate per 100 children		71.5	71.4	71.1	84.9	77.3	0.3	78.3	91.3	91.3	33.2	5.1	4.0	6.5
Age 11														
First Nations	1,850	1,094	1,094	1,065	1,437	1,213	***	1,378	1,769	1,769	252	998	1,235	70
Rate per 100 children		59.1	59.1	57.6	77.7	65.6	N/A	74.5	95.6	95.6	13.6	53.9	66.8	3.8
Non-First Nations	13,684	10,002	10,002	9,580	11,154	10,488	***	10,750	12,210	12,208	2,067	10,502	10,882	647
Rate per 100 children		73.1	73.1	70.0	81.5	76.6	N/A	78.6	89.2	89.2	15.1	76.7	79.5	4.7
Total for 11-year-olds	15,534	11,096	11,096	10,645	12,591	11,701	***	12,128	13,979	13,977	2,319	11,500	12,117	717
Rate per 100 children		71.4	71.4	68.5	81.1	75.3	N/A	78.1	90.0	90.0	14.9	74.0	78.0	4.6
Age 17														
First Nations	1,919	720	719	621	1,292	79	***	1,281	1,797	1,807	***	1,061	11	61
Rate per 100 children		37.5	37.5	32.4	67.3	4.1	N/A	66.8	93.6	94.2	N/A	55.3	0.6	3.2
Non-First Nations	15,928	10,658	10,668	9,453	13,400	1,120	***	13,056	14,458	14,464	93	11,366	294	434
Rate per 100 children		66.9	67.0	59.3	84.1	7.0	N/A	82.0	90.8	90.8	0.6	71.4	1.8	2.7
Total for 17-year-olds	17,847	11,378	11,387	10,074	14,692	1,199	***	14,337	16,255	16,271	96	12,427	305	495
Rate per 100 children		63.8	63.8	56.4	82.3	6.7	N/A	80.3	91.1	91.2	0.5	69.6	1.7	2.8

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

Winnipeg

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	608	426	426	426	528	425	421	9	9	9	9	8	***	100
Rate per 100 children		70.1	70.1	70.1	86.8	69.9	69.2	1.5	1.5	1.5	1.5	1.3	N/A	16.4
Non-First Nations	7,041	5,750	5,751	5,748	6,299	5,729	5,619	207	197	197	187	102	306	1,430
Rate per 100 children		81.7	81.7	81.6	89.5	81.4	79.8	2.9	2.8	2.8	2.7	1.4	4.3	20.3
Total for 1-year-olds	7,649	6,176	6,177	6,174	6,827	6,154	6,040	216	206	206	196	110	309	1,530
Rate per 100 children		80.7	80.8	80.7	89.3	80.5	79.0	2.8	2.7	2.7	2.6	1.4	4.0	20.0
Age 2														
First Nations	559	327	327	327	471	326	305	447	447	447	401	7	***	139
Rate per 100 children		58.5	58.5	58.5	84.3	58.3	54.6	80.0	80.0	80.0	71.7	1.3	N/A	24.9
Non-First Nations	6,952	5,091	5,090	5,087	6,048	5,047	4,890	5,984	5,980	5,980	5,533	207	366	1,986
Rate per 100 children		73.2	73.2	73.2	87.0	72.6	70.3	86.1	86.0	86.0	79.6	3.0	5.3	28.6
Total for 2-year-olds	7,511	5,418	5,417	5,414	6,519	5,373	5,195	6,431	6,427	6,427	5,934	214	368	2,125
Rate per 100 children		72.1	72.1	72.1	86.8	71.5	69.2	85.6	85.6	85.6	79.0	2.8	4.9	28.3
Age 7														
First Nations	432	259	259	259	369	326	***	297	418	418	94	***	***	32
Rate per 100 children		60.0	60.0	60.0	85.4	75.5	N/A	68.8	96.8	96.8	21.8	N/A	N/A	7.4
Non-First Nations	7,159	4,855	4,853	4,816	5,767	5,324	22	5,240	6,360	6,360	2,730	375	350	536
Rate per 100 children		67.8	67.8	67.3	80.6	74.4	0.3	73.2	88.8	88.8	38.1	5.2	4.9	7.5
Total for 7-year-olds	7,591	5,114	5,112	5,075	6,136	5,650	22	5,537	6,778	6,778	2,824	378	353	568
Rate per 100 children		67.4	67.3	66.9	80.8	74.4	0.3	72.9	89.3	89.3	37.2	5.0	4.7	7.5
Age 11														
First Nations	473	297	297	283	387	338	***	345	446	446	49	229	264	22
Rate per 100 children		62.8	62.8	59.8	81.8	71.5	N/A	72.9	94.3	94.3	10.4	48.4	55.8	4.7
Non-First Nations	7,539	5,006	5,006	4,733	5,746	5,431	***	5,349	6,446	6,444	1,149	5,602	5,798	378
Rate per 100 children		66.4	66.4	62.8	76.2	72.0	N/A	71.0	85.5	85.5	15.2	74.3	76.9	5.0
Total for 11-year-olds	8,012	5,303	5,303	5,016	6,133	5,769	***	5,694	6,892	6,890	1,198	5,831	6,062	400
Rate per 100 children		66.2	66.2	62.6	76.5	72.0	N/A	71.1	86.0	86.0	15.0	72.8	75.7	5.0
Age 17														
First Nations	474	183	183	147	365	28	***	335	452	454	***	283	***	17
Rate per 100 children		38.6	38.6	31.0	77.0	5.9	N/A	70.7	95.4	95.8	N/A	59.7	N/A	3.6
Non-First Nations	8,842	5,464	5,467	4,761	7,231	671	***	6,899	7,724	7,726	61	6,029	213	242
Rate per 100 children		61.8	61.8	53.8	81.8	7.6	N/A	78.0	87.4	87.4	0.7	68.2	2.4	2.7
Total for 17-year-olds	9,316	5,647	5,650	4,908	7,596	699	***	7,234	8,176	8,180	62	6,312	217	259
Rate per 100 children		60.6	60.6	52.7	81.5	7.5	N/A	77.7	87.8	87.8	0.7	67.8	2.3	2.8

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

Brandon

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	60	44	44	44	51	44	43	***	***	***	***	***	***	***
Rate per 100 children		73.3	73.3	73.3	85.0	73.3	71.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	658	555	555	555	590	552	533	23	22	23	18	***	11	66
Rate per 100 children		84.3	84.3	84.3	89.7	83.9	81.0	3.5	3.3	3.5	2.7	N/A	1.7	10.0
Total for 1-year-olds	718	599	599	599	641	596	576	23	22	23	18	***	11	70
Rate per 100 children		83.4	83.4	83.4	89.3	83.0	80.2	3.2	3.1	3.2	2.5	N/A	1.5	9.7
Age 2														
First Nations	73	39	39	39	61	39	40	61	61	61	55	***	***	8
Rate per 100 children		53.4	53.4	53.4	83.6	53.4	54.8	83.6	83.6	83.6	75.3	N/A	N/A	11.0
Non-First Nations	632	472	472	472	558	463	451	560	560	559	532	14	18	99
Rate per 100 children		74.7	74.7	74.7	88.3	73.3	71.4	88.6	88.6	88.4	84.2	2.2	2.8	15.7
Total for 2-year-olds	705	511	511	511	619	502	491	621	621	620	587	14	18	107
Rate per 100 children		72.5	72.5	72.5	87.8	71.2	69.6	88.1	88.1	87.9	83.3	2.0	2.6	15.2
Age 7														
First Nations	50	25	25	24	40	32	***	32	45	45	13	***	***	***
Rate per 100 children		50.0	50.0	48.0	80.0	64.0	N/A	64.0	90.0	90.0	26.0	N/A	N/A	N/A
Non-First Nations	494	363	363	362	424	387	***	400	457	459	208	12	15	25
Rate per 100 children		73.5	73.5	73.3	85.8	78.3	N/A	81.0	92.5	92.9	42.1	2.4	3.0	5.1
Total for 7-year-olds	544	388	388	386	464	419	***	432	502	504	221	12	16	26
Rate per 100 children		71.3	71.3	71.0	85.3	77.0	N/A	79.4	92.3	92.6	40.6	2.2	2.9	4.8
Age 11														
First Nations	41	18	18	17	34	27	***	29	40	40	9	26	32	***
Rate per 100 children		43.9	43.9	41.5	82.9	65.9	N/A	70.7	97.6	97.6	22.0	63.4	78.0	N/A
Non-First Nations	521	395	395	393	428	402	***	423	453	453	99	397	427	15
Rate per 100 children		75.8	75.8	75.4	82.1	77.2	N/A	81.2	86.9	86.9	19.0	76.2	82.0	2.9
Total for 11-year-olds	562	413	413	410	462	429	***	452	493	493	108	423	459	15
Rate per 100 children		73.5	73.5	73.0	82.2	76.3	N/A	80.4	87.7	87.7	19.2	75.3	81.7	2.7
Age 17														
First Nations	29	10	10	10	21	***	***	21	27	27	***	18	***	***
Rate per 100 children		34.5	34.5	34.5	72.4	N/A	N/A	72.4	93.1	93.1	N/A	62.1	N/A	N/A
Non-First Nations	607	429	429	396	477	44	***	514	563	563	***	453	***	11
Rate per 100 children		70.7	70.7	65.2	78.6	7.2	N/A	84.7	92.8	92.8	N/A	74.6	N/A	1.8
Total for 17-year-olds	636	439	439	406	498	45	***	535	590	590	***	471	***	13
Rate per 100 children		69.0	69.0	63.8	78.3	7.1	N/A	84.1	92.8	92.8	N/A	74.1	N/A	2.0

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

North Eastman

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	165	90	90	90	126	90	88	8	8	8	5	***	***	9
Rate per 100 children		54.5	54.5	54.5	76.4	54.5	53.3	4.8	4.8	4.8	3.0	N/A	N/A	5.5
Non-First Nations	357	274	274	274	314	274	271	9	9	9	11	***	11	39
Rate per 100 children		76.8	76.8	76.8	88.0	76.8	75.9	2.5	2.5	2.5	3.1	N/A	3.1	10.9
Total for 1-year-olds	522	364	364	364	440	364	359	17	17	17	16	***	12	48
Rate per 100 children		69.7	69.7	69.7	84.3	69.7	68.8	3.3	3.3	3.3	3.1	N/A	2.3	9.2
Age 2														
First Nations	171	110	110	110	148	109	107	146	146	146	138	***	***	15
Rate per 100 children		64.3	64.3	64.3	86.5	63.7	62.6	85.4	85.4	85.4	80.7	N/A	N/A	8.8
Non-First Nations	324	238	238	238	295	236	226	281	281	281	247	6	15	61
Rate per 100 children		73.5	73.5	73.5	91.0	72.8	69.8	86.7	86.7	86.7	76.2	1.9	4.6	18.8
Total for 2-year-olds	495	348	348	348	443	345	333	427	427	427	385	7	15	76
Rate per 100 children		70.3	70.3	70.3	89.5	69.7	67.3	86.3	86.3	86.3	77.8	1.4	3.0	15.4
Age 7														
First Nations	173	96	96	96	148	118	***	130	168	168	51	***	***	13
Rate per 100 children		55.5	55.5	55.5	85.5	68.2	N/A	75.1	97.1	97.1	29.5	N/A	N/A	7.5
Non-First Nations	381	306	306	307	343	320	***	325	360	360	101	13	6	21
Rate per 100 children		80.3	80.3	80.6	90.0	84.0	N/A	85.3	94.5	94.5	26.5	3.4	1.6	6.0
Total for 7-year-olds	554	402	402	403	491	438	***	455	528	528	152	14	6	36
Rate per 100 children		72.6	72.6	72.7	88.6	79.1	N/A	82.1	95.3	95.3	27.4	2.5	1.1	6.5
Age 11														
First Nations	147	82	82	78	111	94	***	107	145	145	18	72	84	8
Rate per 100 children		55.8	55.8	53.1	75.5	63.9	N/A	72.8	98.6	98.6	12.2	49.0	57.1	5.4
Non-First Nations	398	308	308	297	347	323	***	345	376	376	66	312	312	22
Rate per 100 children		77.4	77.4	74.6	87.2	81.2	N/A	86.7	94.5	94.5	16.6	78.4	78.4	5.5
Total for 11-year-olds	545	390	390	375	458	417	***	452	521	521	84	384	396	30
Rate per 100 children		71.6	71.6	68.8	84.0	76.5	N/A	82.9	95.6	95.6	15.4	70.5	72.7	5.5
Age 17														
First Nations	153	51	51	46	96	***	***	83	141	142	***	69	***	5
Rate per 100 children		33.3	33.3	30.1	62.7	N/A	N/A	54.2	92.2	92.8	N/A	45.1	N/A	3.3
Non-First Nations	496	327	329	266	456	37	***	443	483	483	5	359	7	11
Rate per 100 children		65.9	66.3	53.6	91.9	7.5	N/A	89.3	97.4	97.4	1.0	72.4	1.4	2.2
Total for 17-year-olds	649	378	380	312	552	39	***	526	624	625	5	428	8	16
Rate per 100 children		58.2	58.6	48.1	85.1	6.0	N/A	81.0	96.1	96.3	0.8	65.9	1.2	2.5

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

South Eastman

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	11	10	10	10	10	9	10	***	***	***	***	***	***	***
Rate per 100 children		90.9	90.9	90.9	90.9	81.8	90.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	997	847	847	846	907	843	816	21	20	20	16	13	33	74
Rate per 100 children		85.0	85.0	84.9	91.0	84.6	81.8	2.1	2.0	2.0	1.6	1.3	3.3	7.4
Total for 1-year-olds	1,008	857	857	856	917	852	826	21	20	20	16	13	33	75
Rate per 100 children		85.0	85.0	84.9	91.0	84.5	81.9	2.1	2.0	2.0	1.6	1.3	3.3	7.4
Age 2														
First Nations	13	11	11	11	13	11	11	10	10	10	9	***	***	***
Rate per 100 children		84.6	84.6	84.6	100.0	84.6	84.6	76.9	76.9	76.9	69.2	N/A	N/A	N/A
Non-First Nations	996	799	799	799	900	794	762	879	877	877	765	42	33	110
Rate per 100 children		80.2	80.2	80.2	90.4	79.7	76.5	88.3	88.1	88.1	76.8	4.2	3.3	11.0
Total for 2-year-olds	1,009	810	810	810	913	805	773	889	887	887	774	42	33	112
Rate per 100 children		80.3	80.3	80.3	90.5	79.8	76.6	88.1	87.9	87.9	76.7	4.2	3.3	11.1
Age 7														
First Nations	5	***	***	***	***	***	***	5	5	5	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	100.0	100.0	100.0	N/A	N/A	N/A	N/A
Non-First Nations	1,067	867	867	868	965	894	***	941	985	986	285	130	62	48
Rate per 100 children		81.3	81.3	81.3	90.4	83.8	N/A	88.2	92.3	92.4	26.7	12.2	5.8	4.5
Total for 7-year-olds	1,072	871	871	872	969	898	***	946	990	991	286	130	62	48
Rate per 100 children		81.3	81.3	81.3	90.4	83.8	N/A	88.2	92.4	92.4	26.7	12.1	5.8	4.5
Age 11														
First Nations	6	***	***	***	5	***	***	5	5	5	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	83.3	N/A	N/A	83.3	83.3	83.3	N/A	N/A	N/A	N/A
Non-First Nations	1,066	860	860	811	928	846	***	952	993	993	130	848	818	28
Rate per 100 children		80.7	80.7	76.1	87.1	79.4	N/A	89.3	93.2	93.2	12.2	79.5	76.7	2.6
Total for 11-year-olds	1,072	864	864	815	933	850	***	957	998	998	131	850	821	28
Rate per 100 children		80.6	80.6	76.0	87.0	79.3	N/A	89.3	93.1	93.1	12.2	79.3	76.6	2.6
Age 17														
First Nations	8	***	***	***	6	***	***	***	7	7	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	75.0	N/A	N/A	N/A	87.5	87.5	N/A	N/A	N/A	N/A
Non-First Nations	1,185	866	868	760	1,055	93	***	1,057	1,134	1,137	6	821	16	18
Rate per 100 children		73.1	73.2	64.1	89.0	7.8	N/A	89.2	95.7	95.9	0.5	69.3	1.4	1.5
Total for 17-year-olds	1,193	869	871	762	1,061	93	***	1,061	1,141	1,144	6	824	16	18
Rate per 100 children		72.8	73.0	63.9	88.9	7.8	N/A	88.9	95.6	95.9	0.5	69.1	1.3	1.5

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

Interlake

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	153	100	100	100	128	100	98	***	***	***	***	***	***	***
Rate per 100 children		65.4	65.4	65.4	83.7	65.4	64.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	730	605	605	605	659	605	589	14	14	14	15	***	17	113
Rate per 100 children		82.9	82.9	82.9	90.3	82.9	80.7	1.9	1.9	1.9	2.1	N/A	2.3	15.5
Total for 1-year-olds	883	705	705	705	787	705	687	15	15	15	16	***	17	117
Rate per 100 children		79.8	79.8	79.8	89.1	79.8	77.8	1.7	1.7	1.7	1.8	N/A	1.9	13.3
Age 2														
First Nations	151	86	86	86	129	86	83	126	126	126	83	***	***	9
Rate per 100 children		57.0	57.0	57.0	85.4	57.0	55.0	83.4	83.4	83.4	55.0	N/A	N/A	6.0
Non-First Nations	710	540	540	539	646	536	516	626	626	626	543	5	22	155
Rate per 100 children		76.1	76.1	75.9	91.0	75.5	72.7	88.2	88.2	88.2	76.5	0.7	3.1	21.8
Total for 2-year-olds	861	626	626	625	775	622	599	752	752	752	626	5	23	164
Rate per 100 children		72.7	72.7	72.6	90.0	72.2	69.6	87.3	87.3	87.3	72.7	0.6	2.7	19.0
Age 7														
First Nations	115	67	67	68	103	87	***	83	112	112	20	***	6	***
Rate per 100 children		58.3	58.3	59.1	89.6	75.7	N/A	72.2	97.4	97.4	17.4	N/A	5.2	N/A
Non-First Nations	780	597	597	592	694	645	***	619	723	723	244	22	30	51
Rate per 100 children		76.5	76.5	75.9	89.0	82.7	N/A	79.4	92.7	92.7	31.3	2.8	3.8	6.5
Total for 7-year-olds	895	664	664	660	797	732	***	702	835	835	264	23	36	51
Rate per 100 children		74.2	74.2	73.7	89.1	81.8	N/A	78.4	93.3	93.3	29.5	2.6	4.0	5.7
Age 11														
First Nations	139	96	96	95	116	104	***	109	133	133	7	51	59	***
Rate per 100 children		69.1	69.1	68.3	83.5	74.8	N/A	78.4	95.7	95.7	5.0	36.7	42.4	N/A
Non-First Nations	896	697	697	677	773	734	***	735	834	834	112	726	744	50
Rate per 100 children		77.8	77.8	75.6	86.3	81.9	N/A	82.0	93.1	93.1	12.5	81.0	83.0	5.6
Total for 11-year-olds	1,035	793	793	772	889	838	***	844	967	967	119	777	803	52
Rate per 100 children		76.6	76.6	74.6	85.9	81.0	N/A	81.5	93.4	93.4	11.5	75.1	77.6	5.0
Age 17														
First Nations	142	65	65	61	104	6	***	91	139	139	***	90	***	***
Rate per 100 children		45.8	45.8	43.0	73.2	4.2	N/A	64.1	97.9	97.9	N/A	63.4	N/A	N/A
Non-First Nations	1,046	785	785	696	916	77	***	838	984	985	***	782	7	33
Rate per 100 children		75.0	75.0	66.5	87.6	7.4	N/A	80.1	94.1	94.2	N/A	74.8	0.7	3.2
Total for 17-year-olds	1,188	850	850	757	1,020	83	***	929	1,123	1,124	***	872	7	36
Rate per 100 children		71.5	71.5	63.7	85.9	7.0	N/A	78.2	94.5	94.6	N/A	73.4	0.6	3.0

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

Central

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	175	84	84	84	126	84	81	6	6	6	5	***	***	5
Rate per 100 children		48.0	48.0	48.0	72.0	48.0	46.3	3.4	3.4	3.4	2.9	N/A	N/A	2.9
Non-First Nations	1,410	1,065	1,065	1,065	1,188	1,063	1,007	22	21	21	18	35	13	99
Rate per 100 children		75.5	75.5	75.5	84.3	75.4	71.4	1.6	1.5	1.5	1.3	2.5	0.9	7.0
Total for 1-year-olds	1,585	1,149	1,149	1,149	1,314	1,147	1,088	28	27	27	23	35	14	104
Rate per 100 children		72.5	72.5	72.5	82.9	72.4	68.6	1.8	1.7	1.7	1.5	2.2	0.9	6.6
Age 2														
First Nations	171	69	69	69	123	69	68	125	125	125	111	***	***	13
Rate per 100 children		40.4	40.4	40.4	71.9	40.4	39.8	73.1	73.1	73.1	64.9	N/A	N/A	7.6
Non-First Nations	1,427	975	975	975	1,191	964	870	1,163	1,162	1,162	891	71	46	167
Rate per 100 children		68.3	68.3	68.3	83.5	67.6	61.0	81.5	81.4	81.4	62.4	5.0	3.2	11.7
Total for 2-year-olds	1,598	1,044	1,044	1,044	1,314	1,033	938	1,288	1,287	1,287	1,002	71	46	180
Rate per 100 children		65.3	65.3	65.3	82.2	64.6	58.7	80.6	80.5	80.5	62.7	4.4	2.9	11.3
Age 7														
First Nations	118	73	73	73	97	77	***	93	111	111	29	***	***	7
Rate per 100 children		61.9	61.9	61.9	82.2	65.3	N/A	78.8	94.1	94.1	24.6	N/A	N/A	5.9
Non-First Nations	1,470	1,132	1,131	1,129	1,303	1,175	7	1,253	1,350	1,349	395	147	56	56
Rate per 100 children		77.0	76.9	76.8	88.6	79.9	0.5	85.2	91.8	91.8	26.9	10.0	3.8	3.8
Total for 7-year-olds	1,588	1,205	1,204	1,202	1,400	1,252	7	1,346	1,461	1,460	424	147	56	63
Rate per 100 children		75.9	75.8	75.7	88.2	78.8	0.4	84.8	92.0	91.9	26.7	9.3	3.5	4.0
Age 11														
First Nations	136	51	51	50	82	56	***	90	131	131	22	47	67	5
Rate per 100 children		37.5	37.5	36.8	60.3	41.2	N/A	66.2	96.3	96.3	16.2	34.6	49.3	3.7
Non-First Nations	1,555	1,290	1,290	1,246	1,372	1,272	***	1,386	1,468	1,468	218	1,206	1,268	52
Rate per 100 children		83.0	83.0	80.1	88.2	81.8	N/A	89.1	94.4	94.4	14.0	77.6	81.5	3.3
Total for 11-year-olds	1,691	1,341	1,341	1,296	1,454	1,328	***	1,476	1,599	1,599	240	1,253	1,335	57
Rate per 100 children		79.3	79.3	76.6	86.0	78.5	N/A	87.3	94.6	94.6	14.2	74.1	78.9	3.4
Age 17														
First Nations	143	40	40	33	67	6	***	83	120	120	***	68	***	***
Rate per 100 children		28.0	28.0	23.1	46.9	4.2	N/A	58.0	83.9	83.9	N/A	47.6	N/A	N/A
Non-First Nations	1,679	1,279	1,281	1,180	1,492	84	***	1,497	1,607	1,606	7	1,275	28	40
Rate per 100 children		76.2	76.3	70.3	88.9	5.0	N/A	89.2	95.7	95.7	0.4	75.9	1.7	2.4
Total for 17-year-olds	1,822	1,319	1,321	1,213	1,559	90	***	1,580	1,727	1,726	7	1,343	30	42
Rate per 100 children		72.4	72.5	66.6	85.6	4.9	N/A	86.7	94.8	94.7	0.4	73.7	1.6	2.3

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

Assiniboine

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	99	62	62	62	79	62	61	***	***	***	***	***	***	***
Rate per 100 children		62.6	62.6	62.6	79.8	62.6	61.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	705	617	617	617	650	617	577	9	9	9	10	***	15	34
Rate per 100 children		87.5	87.5	87.5	92.2	87.5	81.8	1.3	1.3	1.3	1.4	N/A	2.1	4.8
Total for 1-year-olds	804	679	679	679	729	679	638	9	9	9	10	***	15	36
Rate per 100 children		84.5	84.5	84.5	90.7	84.5	79.4	1.1	1.1	1.1	1.2	N/A	1.9	4.5
Age 2														
First Nations	99	64	64	64	85	63	64	83	83	83	72	***	***	6
Rate per 100 children		64.6	64.6	64.6	85.9	63.6	64.6	83.8	83.8	83.8	72.7	N/A	N/A	6.1
Non-First Nations	645	515	515	515	586	514	481	572	572	572	480	***	21	61
Rate per 100 children		79.8	79.8	79.8	90.9	79.7	74.6	88.7	88.7	88.7	74.4	N/A	3.3	9.5
Total for 2-year-olds	744	579	579	579	671	577	545	655	655	655	552	***	21	67
Rate per 100 children		77.8	77.8	77.8	90.2	77.6	73.3	88.0	88.0	88.0	74.2	N/A	2.8	9.0
Age 7														
First Nations	67	45	45	45	56	51	***	51	65	65	10	***	***	***
Rate per 100 children		67.2	67.2	67.2	83.6	76.1	N/A	76.1	97.0	97.0	14.9	N/A	N/A	N/A
Non-First Nations	676	561	561	561	617	580	***	602	627	627	237	24	33	32
Rate per 100 children		83.0	83.0	83.0	91.3	85.8	N/A	89.1	92.8	92.8	35.1	3.6	4.9	4.7
Total for 7-year-olds	743	606	606	606	673	631	***	653	692	692	247	24	34	33
Rate per 100 children		81.6	81.6	81.6	90.6	84.9	N/A	87.9	93.1	93.1	33.2	3.2	4.6	4.4
Age 11														
First Nations	69	26	26	25	41	37	***	40	65	65	***	37	45	***
Rate per 100 children		37.7	37.7	36.2	59.4	53.6	N/A	58.0	94.2	94.2	N/A	53.6	65.2	N/A
Non-First Nations	765	654	654	639	698	663	***	701	730	730	125	643	673	37
Rate per 100 children		85.5	85.5	83.5	91.2	86.7	N/A	91.6	95.4	95.4	16.3	84.1	88.0	4.8
Total for 11-year-olds	834	680	680	664	739	700	***	741	795	795	125	680	718	38
Rate per 100 children		81.5	81.5	79.6	88.6	83.9	N/A	88.8	95.3	95.3	15.0	81.5	86.1	4.6
Age 17														
First Nations	77	34	34	29	55	***	***	47	73	73	***	47	***	***
Rate per 100 children		44.2	44.2	37.7	71.4	N/A	N/A	61.0	94.8	94.8	N/A	61.0	N/A	N/A
Non-First Nations	931	749	750	696	814	59	***	798	881	881	***	748	9	35
Rate per 100 children		80.5	80.6	74.8	87.4	6.3	N/A	85.7	94.6	94.6	N/A	80.3	1.0	3.8
Total for 17-year-olds	1,008	783	784	725	869	62	***	845	954	954	***	795	10	36
Rate per 100 children		77.7	77.8	71.9	86.2	6.2	N/A	83.8	94.6	94.6	N/A	78.9	1.0	3.6

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

Parkland

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	119	92	92	92	110	92	92	***	***	***	***	***	***	10
Rate per 100 children		77.3	77.3	77.3	92.4	77.3	77.3	N/A	N/A	N/A	N/A	N/A	N/A	8.4
Non-First Nations	438	381	381	381	408	380	376	8	8	8	7	***	7	20
Rate per 100 children		87.0	87.0	87.0	93.2	86.8	85.8	1.8	1.8	1.8	1.6	N/A	1.6	4.6
Total for 1-year-olds	557	473	473	473	518	472	468	11	11	11	10	***	7	30
Rate per 100 children		84.9	84.9	84.9	93.0	84.7	84.0	2.0	2.0	2.0	1.8	N/A	1.3	5.4
Age 2														
First Nations	108	85	85	85	105	85	81	105	105	105	100	***	***	8
Rate per 100 children		78.7	78.7	78.7	97.2	78.7	75.0	97.2	97.2	97.2	92.6	N/A	N/A	7.4
Non-First Nations	421	335	335	335	378	335	324	377	377	377	349	7	11	56
Rate per 100 children		79.6	79.6	79.6	89.8	79.6	77.0	89.5	89.5	89.5	82.9	1.7	2.6	13.3
Total for 2-year-olds	529	420	420	420	483	420	405	482	482	482	449	9	12	64
Rate per 100 children		79.4	79.4	79.4	91.3	79.4	76.6	91.1	91.1	91.1	84.9	1.7	2.3	12.1
Age 7														
First Nations	85	77	77	76	89	79	***	85	90	90	22	***	***	5
Rate per 100 children		90.6	90.6	89.4	104.7	92.9	N/A	100.0	105.9	105.9	25.9	N/A	N/A	5.9
Non-First Nations	399	330	330	330	363	342	***	350	375	375	149	11	20	30
Rate per 100 children		82.7	82.7	82.7	91.0	85.7	N/A	87.7	94.0	94.0	37.3	2.8	5.0	7.5
Total for 7-year-olds	484	407	407	406	452	421	***	435	465	465	171	12	20	35
Rate per 100 children		84.1	84.1	83.9	93.4	87.0	N/A	89.9	96.1	96.1	35.3	2.5	4.1	7.2
Age 11														
First Nations	92	73	73	73	84	77	***	85	92	92	24	78	86	***
Rate per 100 children		79.3	79.3	79.3	91.3	83.7	N/A	92.4	100.0	100.0	26.1	84.8	93.5	N/A
Non-First Nations	441	378	378	378	410	388	***	408	430	430	94	375	402	13
Rate per 100 children		85.7	85.7	85.7	93.0	88.0	N/A	92.5	97.5	97.5	21.3	85.0	91.2	2.9
Total for 11-year-olds	533	451	451	451	494	465	***	493	522	522	118	453	488	16
Rate per 100 children		84.6	84.6	84.6	92.7	87.2	N/A	92.5	97.9	97.9	22.1	85.0	91.6	3.0
Age 17														
First Nations	103	68	68	56	96	***	***	98	106	106	***	91	***	***
Rate per 100 children		66.0	66.0	54.4	93.2	N/A	N/A	95.1	102.9	102.9	N/A	88.3	N/A	N/A
Non-First Nations	527	396	396	370	462	27	***	479	510	510	***	428	5	10
Rate per 100 children		75.1	75.1	70.2	87.7	5.1	N/A	90.9	96.8	96.8	N/A	81.2	0.9	1.9
Total for 17-year-olds	630	464	464	426	558	29	***	577	616	616	***	519	5	11
Rate per 100 children		73.7	73.7	67.6	88.6	4.6	N/A	91.6	97.8	97.8	N/A	82.4	0.8	1.7

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

NOR-MAN

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	215	165	165	165	206	165	164	5	5	5	5	***	***	8
Rate per 100 children		76.7	76.7	76.7	95.8	76.7	76.3	2.3	2.3	2.3	2.3	N/A	N/A	3.7
Non-First Nations	266	208	208	208	240	207	203	8	8	8	6	***	***	35
Rate per 100 children		78.2	78.2	78.2	90.2	77.8	76.3	3.0	3.0	3.0	2.3	N/A	N/A	13.2
Total for 1-year-olds	481	373	373	373	446	372	367	13	13	13	11	***	***	43
Rate per 100 children		77.5	77.5	77.5	92.7	77.3	76.3	2.7	2.7	2.7	2.3	N/A	N/A	8.9
Age 2														
First Nations	179	120	120	120	168	120	117	167	167	167	140	***	***	17
Rate per 100 children		67.0	67.0	67.0	93.9	67.0	65.4	93.3	93.3	93.3	78.2	N/A	N/A	9.5
Non-First Nations	226	163	163	163	205	162	159	204	203	203	189	***	***	64
Rate per 100 children		72.1	72.1	72.1	90.7	71.7	70.4	90.3	89.8	89.8	83.6	N/A	N/A	28.3
Total for 2-year-olds	405	283	283	283	373	282	276	371	370	370	329	***	***	81
Rate per 100 children		69.9	69.9	69.9	92.1	69.6	68.1	91.6	91.4	91.4	81.2	N/A	N/A	20.0
Age 7														
First Nations	172	139	139	139	166	154	***	147	172	172	50	***	***	18
Rate per 100 children		80.8	80.8	80.8	96.5	89.5	N/A	85.5	100.0	100.0	29.1	N/A	N/A	10.5
Non-First Nations	239	187	187	187	211	194	***	203	216	216	92	7	11	27
Rate per 100 children		78.2	78.2	78.2	88.3	81.2	N/A	84.9	90.4	90.4	38.5	2.9	4.6	11.3
Total for 7-year-olds	411	326	326	326	377	348	***	350	388	388	142	8	11	45
Rate per 100 children		79.3	79.3	79.3	91.7	84.7	N/A	85.2	94.4	94.4	34.5	1.9	2.7	10.9
Age 11														
First Nations	151	114	114	111	130	122	***	123	145	145	27	84	112	12
Rate per 100 children		75.5	75.5	73.5	86.1	80.8	N/A	81.5	96.0	96.0	17.9	55.6	74.2	7.9
Non-First Nations	239	208	208	208	218	214	***	219	227	227	38	189	208	18
Rate per 100 children		87.0	87.0	87.0	91.2	89.5	N/A	91.6	95.0	95.0	15.9	79.1	87.0	7.5
Total for 11-year-olds	390	322	322	319	348	336	***	342	372	372	65	273	320	30
Rate per 100 children		82.6	82.6	81.8	89.2	86.2	N/A	87.7	95.4	95.4	16.7	70.0	82.1	7.7
Age 17														
First Nations	140	46	46	40	105	6	***	123	134	135	***	98	***	13
Rate per 100 children		32.9	32.9	28.6	75.0	4.3	N/A	87.9	95.7	96.4	N/A	70.0	N/A	9.3
Non-First Nations	287	186	186	176	241	8	***	256	272	273	***	244	***	15
Rate per 100 children		64.8	64.8	61.3	84.0	2.8	N/A	89.2	94.8	95.1	N/A	85.0	N/A	5.2
Total for 17-year-olds	427	232	232	216	346	14	***	379	406	408	***	342	***	28
Rate per 100 children		54.3	54.3	50.6	81.0	3.3	N/A	88.8	95.1	95.6	N/A	80.1	N/A	6.6

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

Burntwood

	Pop	Diphth	Tet	Pert	Polio	HB	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	964	597	597	597	815	597	592	23	23	23	19	11	***	26
Rate per 100 children		61.9	61.9	61.9	84.5	61.9	61.4	2.4	2.4	2.4	2.0	1.1	N/A	2.7
Non-First Nations	358	280	280	280	315	279	274	13	11	11	9	13	***	40
Rate per 100 children		78.2	78.2	78.2	88.0	77.9	76.5	3.6	3.1	3.1	2.5	3.6	N/A	11.2
Total for 1-year-olds	1,322	877	877	877	1,130	876	866	36	34	34	28	24	***	66
Rate per 100 children		66.3	66.3	66.3	85.5	66.3	65.5	2.7	2.6	2.6	2.1	1.8	N/A	5.0
Age 2														
First Nations	818	500	500	500	701	498	493	717	717	717	641	8	***	42
Rate per 100 children		61.1	61.1	61.1	85.7	60.9	60.3	87.7	87.7	87.7	78.4	1.0	N/A	5.1
Non-First Nations	321	230	230	230	280	224	225	277	277	277	263	11	10	57
Rate per 100 children		71.7	71.7	71.7	87.2	69.8	70.1	86.3	86.3	86.3	81.9	3.4	3.1	17.8
Total for 2-year-olds	1,139	730	730	730	981	722	718	994	994	994	904	19	12	99
Rate per 100 children		64.1	64.1	64.1	86.1	63.4	63.0	87.3	87.3	87.3	79.4	1.7	1.1	8.7
Age 7														
First Nations	702	435	435	433	618	483	***	537	680	680	105	5	***	23
Rate per 100 children		62.0	62.0	61.7	88.0	68.8	N/A	76.5	96.9	96.9	15.0	0.7	N/A	3.3
Non-First Nations	304	218	218	217	264	233	***	253	275	275	96	8	***	32
Rate per 100 children		71.7	71.7	71.4	86.8	76.6	N/A	83.2	90.5	90.5	31.6	2.6	N/A	10.5
Total for 7-year-olds	1,006	653	653	650	882	716	***	790	955	955	201	13	***	55
Rate per 100 children		64.9	64.9	64.6	87.7	71.2	N/A	78.5	94.9	94.9	20.0	1.3	N/A	5.5
Age 11														
First Nations	591	330	330	326	443	351	***	441	562	562	94	367	478	16
Rate per 100 children		55.8	55.8	55.2	75.0	59.4	N/A	74.6	95.1	95.1	15.9	62.1	80.9	2.7
Non-First Nations	255	201	201	193	229	210	***	227	247	247	35	197	225	32
Rate per 100 children		78.8	78.8	75.7	89.8	82.4	N/A	89.0	96.9	96.9	13.7	77.3	88.2	12.5
Total for 11-year-olds	846	531	531	519	672	561	***	668	809	809	129	564	703	48
Rate per 100 children		62.8	62.8	61.3	79.4	66.3	N/A	79.0	95.6	95.6	15.2	66.7	83.1	5.7
Age 17														
First Nations	646	218	217	195	374	25	***	393	594	600	***	291	***	17
Rate per 100 children		33.7	33.6	30.2	57.9	3.9	N/A	60.8	92.0	92.9	N/A	45.0	N/A	2.6
Non-First Nations	321	174	174	150	252	20	***	271	296	296	***	225	***	18
Rate per 100 children		54.2	54.2	46.7	78.5	6.2	N/A	84.4	92.2	92.2	N/A	70.1	N/A	5.6
Total for 17-year-olds	967	392	391	345	626	45	***	664	890	896	***	516	6	35
Rate per 100 children		40.5	40.4	35.7	64.7	4.7	N/A	68.7	92.0	92.7	N/A	53.4	0.6	3.6

Report 1 - Complete for Age from Birth to 2008 by Immunogen and Region of Residence

Churchill

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Age 1														
First Nations	3	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	12	9	9	9	10	9	9	***	***	***	***	***	***	***
Rate per 100 children		75.0	75.0	75.0	83.3	75.0	75.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total for 1-year-olds	15	12	12	12	13	12	12	***	***	***	***	***	***	***
Rate per 100 children		80.0	80.0	80.0	86.7	80.0	80.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Age 2														
First Nations	4	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	12	11	11	11	11	11	11	11	11	11	11	***	***	***
Rate per 100 children		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	N/A	N/A	N/A
Total for 2-year-olds	16	14	14	14	15	14	14	15	15	15	15	***	***	***
Rate per 100 children		87.5	87.5	87.5	93.8	87.5	87.5	93.8	93.8	93.8	93.8	N/A	N/A	N/A
Age 7														
First Nations	4	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	19	16	16	16	17	16	***	18	18	18	14	***	***	***
Rate per 100 children		84.2	84.2	84.2	89.5	84.2	N/A	94.7	94.7	94.7	73.7	N/A	N/A	N/A
Total for 7-year-olds	23	20	20	20	21	20	***	22	22	22	18	***	***	***
Rate per 100 children		87.0	87.0	87.0	91.3	87.0	N/A	95.7	95.7	95.7	78.3	N/A	N/A	N/A
Age 11														
First Nations	5	***	***	***	***	***	***	***	5	5	***	5	5	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	100.0	N/A	100.0	100.0	N/A
Non-First Nations	9	5	5	5	5	5	***	5	6	6	***	7	7	***
Rate per 100 children		55.6	55.6	55.6	55.6	55.6	N/A	55.6	66.7	66.7	N/A	77.8	77.8	N/A
Total for 11-year-olds	14	8	8	8	9	8	***	9	11	11	***	12	12	***
Rate per 100 children		57.1	57.1	57.1	64.3	57.1	N/A	64.3	78.6	78.6	N/A	85.7	85.7	N/A
Age 17														
First Nations	4	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	7	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100 children		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total for 17-year-olds	11	5	5	***	7	***	***	7	8	8	***	5	***	***
Rate per 100 children		45.5	45.5	N/A	63.6	N/A	N/A	63.6	72.7	72.7	N/A	45.5	N/A	N/A

Report 2 - Complete for Age from Birth to 2008 by Immunogen and Age

NOTE:

This report includes both continuous and non-continuous Manitoba residents. Report 2 is the same data as in Report 1, with summary data by age.

Age 1

	Pop	Diphth	Tet	Perf	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
MANITOBA														
First Nations	2,572	1,673	1,673	1,673	2,182	1,671	1,653	55	55	55	47	20	6	169
Rate per 100		65.0	65.0	65.0	84.8	65.0	64.3	2.1	2.1	2.1	1.8	0.8	0.2	6.68
Non-First Nations	12,972	10,591	10,592	10,588	11,580	10,558	10,274	334	319	320	297	176	418	1,951
Rate per 100		81.6	81.7	81.6	89.3	81.4	79.2	2.6	2.5	2.5	2.3	1.4	3.2	15.0
All Children	15,544	12,264	12,265	12,261	13,762	12,229	11,927	389	374	375	344	196	424	2,120
Rate per 100		78.9	78.9	78.9	88.5	78.7	76.7	2.5	2.4	2.4	2.2	1.3	2.7	13.6
Winnipeg														
First Nations	608	426	426	426	528	425	421	9	9	9	9	8	***	100
Rate per 100		70.1	70.1	70.1	86.8	69.9	69.2	1.5	1.5	1.5	1.5	1.3	N/A	16.4
Non-First Nations	7,041	5,750	5,751	5,748	6,299	5,729	5,619	207	197	197	187	102	306	1,430
Rate per 100		81.7	81.7	81.6	89.5	81.4	79.8	2.9	2.8	2.8	2.7	1.4	4.3	20.3
All Children	7,649	6,176	6,177	6,174	6,827	6,154	6,040	216	206	206	196	110	309	1,530
Rate per 100		80.7	80.8	80.7	89.3	80.5	79.0	2.8	2.7	2.7	2.6	1.4	4.0	20.0
Brandon														
First Nations	60	44	44	44	51	44	43	***	***	***	***	***	***	***
Rate per 100		73.3	73.3	73.3	85.0	73.3	71.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	658	555	555	555	590	552	533	23	22	23	18	***	11	66
Rate per 100		84.3	84.3	84.3	89.7	83.9	81.0	3.5	3.3	3.5	2.7	N/A	1.7	10.0
All Children	718	599	599	599	641	596	576	23	22	23	18	***	11	70
Rate per 100		83.4	83.4	83.4	89.3	83.0	80.2	3.2	3.1	3.2	2.5	N/A	1.5	9.7
North Eastman														
First Nations	165	90	90	90	126	90	88	8	8	8	5	***	***	9
Rate per 100		54.5	54.5	54.5	76.4	54.5	53.3	4.8	4.8	4.8	3.0	N/A	N/A	5.5
Non-First Nations	357	274	274	274	314	274	271	9	9	9	11	***	11	39
Rate per 100		76.8	76.8	76.8	88.0	76.8	75.9	2.5	2.5	2.5	3.1	N/A	3.1	10.9
All Children	522	364	364	364	440	364	359	17	17	17	16	***	12	48
Rate per 100		69.7	69.7	69.7	84.3	69.7	68.8	3.3	3.3	3.3	3.1	N/A	2.3	9.2
South Eastman														
First Nations	11	10	10	10	10	9	10	***	***	***	***	***	***	***
Rate per 100		90.9	90.9	90.9	90.9	81.8	90.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	997	847	847	846	907	843	816	21	20	20	16	13	33	74
Rate per 100		85.0	85.0	84.9	91.0	84.6	81.8	2.1	2.0	2.0	1.6	1.3	3.3	7.4
All Children	1,008	857	857	856	917	852	826	21	20	20	16	13	33	75
Rate per 100		85.0	85.0	84.9	91.0	84.5	81.9	2.1	2.0	2.0	1.6	1.3	3.3	7.4
Interlake														
First Nations	153	100	100	100	128	100	98	***	***	***	***	***	***	***
Rate per 100		65.4	65.4	65.4	83.7	65.4	64.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	730	605	605	605	659	605	589	14	14	14	15	***	17	113
Rate per 100		82.9	82.9	82.9	90.3	82.9	80.7	1.9	1.9	1.9	2.1	N/A	2.3	15.5
All Children	883	705	705	705	787	705	687	15	15	15	16	***	17	117
Rate per 100		79.8	79.8	79.8	89.1	79.8	77.8	1.7	1.7	1.7	1.8	N/A	1.9	13.3
Central														
First Nations	175	84	84	84	126	84	81	6	6	6	5	***	***	5
Rate per 100		48.0	48.0	48.0	72.0	48.0	46.3	3.4	3.4	3.4	2.9	N/A	N/A	2.9
Non-First Nations	1,410	1,065	1,065	1,065	1,188	1,063	1,007	22	21	21	18	35	13	99
Rate per 100		75.5	75.5	75.5	84.3	75.4	71.4	1.6	1.5	1.5	1.3	2.5	0.9	7.0
All Children	1,585	1,149	1,149	1,149	1,314	1,147	1,088	28	27	27	23	35	14	104
Rate per 100		72.5	72.5	72.5	82.9	72.4	68.6	1.8	1.7	1.7	1.5	2.2	0.9	6.6

Report 2 - Complete for Age from Birth to 2008 by Immunogen and Age

Age 1

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Assiniboine														
First Nations	99	62	62	62	79	62	61	***	***	***	***	***	***	***
Rate per 100		62.6	62.6	62.6	79.8	62.6	61.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	705	617	617	617	650	617	577	9	9	9	10	***	15	34
Rate per 100		87.5	87.5	87.5	92.2	87.5	81.8	1.3	1.3	1.3	1.4	N/A	2.1	4.8
All Children	804	679	679	679	729	679	638	9	9	9	10	***	15	36
Rate per 100		84.5	84.5	84.5	90.7	84.5	79.4	1.1	1.1	1.1	1.2	N/A	1.9	4.5
Parkland														
First Nations	119	92	92	92	110	92	92	***	***	***	***	***	***	10
Rate per 100		77.3	77.3	77.3	92.4	77.3	77.3	N/A	N/A	N/A	N/A	N/A	N/A	8.4
Non-First Nations	438	381	381	381	408	380	376	8	8	8	7	***	7	20
Rate per 100		87.0	87.0	87.0	93.2	86.8	85.8	1.8	1.8	1.8	1.6	N/A	1.6	4.6
All Children	557	473	473	473	518	472	468	11	11	11	10	***	7	30
Rate per 100		84.9	84.9	84.9	93.0	84.7	84.0	2.0	2.0	2.0	1.8	N/A	1.3	5.4
NOR-MAN														
First Nations	215	165	165	165	206	165	164	5	5	5	5	***	***	8
Rate per 100		76.7	76.7	76.7	95.8	76.7	76.3	2.3	2.3	2.3	2.3	N/A	N/A	3.7
Non-First Nations	266	208	208	208	240	207	203	8	8	8	6	***	***	35
Rate per 100		78.2	78.2	78.2	90.2	77.8	76.3	3.0	3.0	3.0	2.3	N/A	N/A	13.2
All Children	481	373	373	373	446	372	367	13	13	13	11	***	***	43
Rate per 100		77.5	77.5	77.5	92.7	77.3	76.3	2.7	2.7	2.7	2.3	N/A	N/A	8.9
Burntwood														
First Nations	964	597	597	597	815	597	592	23	23	23	19	11	***	26
Rate per 100		61.9	61.9	61.9	84.5	61.9	61.4	2.4	2.4	2.4	2.0	1.1	N/A	2.7
Non-First Nations	358	280	280	280	315	279	274	13	11	11	9	13	***	40
Rate per 100		78.2	78.2	78.2	88.0	77.9	76.5	3.6	3.1	3.1	2.5	3.6	N/A	11.2
All Children	1,322	877	877	877	1,130	876	866	36	34	34	28	24	***	66
Rate per 100		66.3	66.3	66.3	85.5	66.3	65.5	2.7	2.6	2.6	2.1	1.8	N/A	5.0
Churchill														
First Nations	3	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	12	9	9	9	10	9	9	***	***	***	***	***	***	***
Rate per 100		75.0	75.0	75.0	83.3	75.0	75.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Children	15	12	12	12	13	12	12	***	***	***	***	***	***	***
Rate per 100		80.0	80.0	80.0	86.7	80.0	80.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Report 2 - Complete for Age from Birth to 2008 by Immunogen and Age

Age 2

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
MANITOBA														
First Nations Rate per 100	2,346	1,414	1,414	1,414	2,008	1,409	1,372	1,991	1,991	1,991	1,754	19	6	259
		60.3	60.3	60.3	85.6	60.1	58.5	84.9	84.9	84.9	74.8	0.8	0.3	11.0
Non-First Nations Rate per 100	12,666	9,369	9,368	9,364	11,098	9,286	8,915	10,934	10,926	10,925	9,803	369	545	2,817
		74.0	74.0	73.9	87.6	73.3	70.4	86.3	86.3	86.3	77.4	2.9	4.3	22.2
All Children Rate per 100	15,012	10,783	10,782	10,778	13,106	10,695	10,287	12,925	12,917	12,916	11,557	388	551	3,076
		71.8	71.8	71.8	87.3	71.2	68.5	86.1	86.0	86.0	77.0	2.6	3.7	20.5
Winnipeg														
First Nations Rate per 100	559	327	327	327	471	326	305	447	447	447	401	7	***	139
		58.5	58.5	58.5	84.3	58.3	54.6	80.0	80.0	80.0	71.7	1.3	N/A	24.9
Non-First Nations Rate per 100	6,952	5,091	5,090	5,087	6,048	5,047	4,890	5,984	5,980	5,980	5,533	207	366	1,986
		73.2	73.2	73.2	87.0	72.6	70.3	86.1	86.0	86.0	79.6	3.0	5.3	28.6
All Children Rate per 100	7,511	5,418	5,417	5,414	6,519	5,373	5,195	6,431	6,427	6,427	5,934	214	368	2,125
		72.1	72.1	72.1	86.8	71.5	69.2	85.6	85.6	85.6	79.0	2.8	4.9	28.3
Brandon														
First Nations Rate per 100	73	39	39	39	61	39	40	61	61	61	55	***	***	8
		53.4	53.4	53.4	83.6	53.4	54.8	83.6	83.6	83.6	75.3	N/A	N/A	11.0
Non-First Nations Rate per 100	632	472	472	472	558	463	451	560	560	559	532	14	18	99
		74.7	74.7	74.7	88.3	73.3	71.4	88.6	88.6	88.4	84.2	2.2	2.8	15.7
All Children Rate per 100	705	511	511	511	619	502	491	621	621	620	587	14	18	107
		72.5	72.5	72.5	87.8	71.2	69.6	88.1	88.1	87.9	83.3	2.0	2.6	15.2
North Eastman														
First Nations Rate per 100	171	110	110	110	148	109	107	146	146	146	138	***	***	15
		64.3	64.3	64.3	86.5	63.7	62.6	85.4	85.4	85.4	80.7	N/A	N/A	8.8
Non-First Nations Rate per 100	324	238	238	238	295	236	226	281	281	281	247	6	15	61
		73.5	73.5	73.5	91.0	72.8	69.8	86.7	86.7	86.7	76.2	1.9	4.6	18.8
All Children Rate per 100	495	348	348	348	443	345	333	427	427	427	385	7	15	76
		70.3	70.3	70.3	89.5	69.7	67.3	86.3	86.3	86.3	77.8	1.4	3.0	15.4
South Eastman														
First Nations Rate per 100	13	11	11	11	13	11	11	10	10	10	9	***	***	***
		84.6	84.6	84.6	100.0	84.6	84.6	76.9	76.9	76.9	69.2	N/A	N/A	N/A
Non-First Nations Rate per 100	996	799	799	799	900	794	762	879	877	877	765	42	33	110
		80.2	80.2	80.2	90.4	79.7	76.5	88.3	88.1	88.1	76.8	4.2	3.3	11.0
All Children Rate per 100	1,009	810	810	810	913	805	773	889	887	887	774	42	33	112
		80.3	80.3	80.3	90.5	79.8	76.6	88.1	87.9	87.9	76.7	4.2	3.3	11.1
Interlake														
First Nations Rate per 100	151	86	86	86	129	86	83	126	126	126	83	***	***	9
		57.0	57.0	57.0	85.4	57.0	55.0	83.4	83.4	83.4	55.0	N/A	N/A	6.0
Non-First Nations Rate per 100	710	540	540	539	646	536	516	626	626	626	543	5	22	155
		76.1	76.1	75.9	91.0	75.5	72.7	88.2	88.2	88.2	76.5	0.7	3.1	21.8
All Children Rate per 100	861	626	626	625	775	622	599	752	752	752	626	5	23	164
		72.7	72.7	72.6	90.0	72.2	69.6	87.3	87.3	87.3	72.7	0.6	2.7	19.0
Central														
First Nations Rate per 100	171	69	69	69	123	69	68	125	125	125	111	***	***	13
		40.4	40.4	40.4	71.9	40.4	39.8	73.1	73.1	73.1	64.9	N/A	N/A	7.6
Non-First Nations Rate per 100	1,427	975	975	975	1,191	964	870	1,163	1,162	1,162	891	71	46	167
		68.3	68.3	68.3	83.5	67.6	61.0	81.5	81.4	81.4	62.4	5.0	3.2	11.7
All Children Rate per 100	1,598	1,044	1,044	1,044	1,314	1,033	938	1,288	1,287	1,287	1,002	71	46	180
		65.3	65.3	65.3	82.2	64.6	58.7	80.6	80.5	80.5	62.7	4.4	2.9	11.3
Assiniboine														
First Nations Rate per 100	99	64	64	64	85	63	64	83	83	83	72	***	***	6
		64.6	64.6	64.6	85.9	63.6	64.6	83.8	83.8	83.8	72.7	N/A	N/A	6.1
Non-First Nations Rate per 100	645	515	515	515	586	514	481	572	572	572	480	***	21	61
		79.8	79.8	79.8	90.9	79.7	74.6	88.7	88.7	88.7	74.4	N/A	3.3	9.5
All Children Rate per 100	744	579	579	579	671	577	545	655	655	655	552	***	21	67
		77.8	77.8	77.8	90.2	77.6	73.3	88.0	88.0	88.0	74.2	N/A	2.8	9.0

Report 2 - Complete for Age from Birth to 2008 by Immunogen and Age

Age 2

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Parkland														
First Nations	108	85	85	85	105	85	81	105	105	105	100	***	***	8
Rate per 100		78.7	78.7	78.7	97.2	78.7	75.0	97.2	97.2	97.2	92.6	N/A	N/A	7.4
Non-First Nations	421	335	335	335	378	335	324	377	377	377	349	7	11	56
Rate per 100		79.6	79.6	79.6	89.8	79.6	77.0	89.5	89.5	89.5	82.9	1.7	2.6	13.3
All Children	529	420	420	420	483	420	405	482	482	482	449	9	12	64
Rate per 100		79.4	79.4	79.4	91.3	79.4	76.6	91.1	91.1	91.1	84.9	1.7	2.3	12.1
NOR-MAN														
First Nations	179	120	120	120	168	120	117	167	167	167	140	***	***	17
Rate per 100		67.0	67.0	67.0	93.9	67.0	65.4	93.3	93.3	93.3	78.2	N/A	N/A	9.5
Non-First Nations	226	163	163	163	205	162	159	204	203	203	189	***	***	64
Rate per 100		72.1	72.1	72.1	90.7	71.7	70.4	90.3	89.8	89.8	83.6	N/A	N/A	28.3
All Children	405	283	283	283	373	282	276	371	370	370	329	***	***	81
Rate per 100		69.9	69.9	69.9	92.1	69.6	68.1	91.6	91.4	91.4	81.2	N/A	N/A	20.0
Burntwood														
First Nations	818	500	500	500	701	498	493	717	717	717	641	8	***	42
Rate per 100		61.1	61.1	61.1	85.7	60.9	60.3	87.7	87.7	87.7	78.4	1.0	N/A	5.1
Non-First Nations	321	230	230	230	280	224	225	277	277	277	263	11	10	57
Rate per 100		71.7	71.7	71.7	87.2	69.8	70.1	86.3	86.3	86.3	81.9	3.4	3.1	17.8
All Children	1,139	730	730	730	981	722	718	994	994	994	904	19	12	99
Rate per 100		64.1	64.1	64.1	86.1	63.4	63.0	87.3	87.3	87.3	79.4	1.7	1.1	8.7
Churchill														
First Nations	4	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	12	11	11	11	11	11	11	11	11	11	11	***	***	***
Rate per 100		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	N/A	N/A	N/A
All Children	16	14	14	14	15	14	14	15	15	15	15	***	***	***
Rate per 100		87.5	87.5	87.5	93.8	87.5	87.5	93.8	93.8	93.8	93.8	N/A	N/A	N/A

Report 2 - Complete for Age from Birth to 2008 by Immunogen and Age

Age 7

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
MANITOBA														
First Nations	1,923	1,224	1,224	1,221	1,694	1,415	***	1,464	1,870	1,870	399	12	11	101
Rate per 100		63.7	63.7	63.5	88.1	73.6	N/A	76.1	97.2	97.2	20.7	0.6	0.6	5.3
Non-First Nations	12,988	9,432	9,429	9,385	10,968	10,110	38	10,204	11,746	11,748	4,551	749	588	861
Rate per 100		72.6	72.6	72.3	84.4	77.8	0.3	78.6	90.4	90.5	35.0	5.8	4.5	6.6
All Children	14,911	10,656	10,653	10,606	12,662	11,525	38	11,668	13,616	13,618	4,950	761	599	962
Rate per 100		71.5	71.4	71.1	84.9	77.3	0.3	78.3	91.3	91.3	33.2	5.1	4.0	6.5
Winnipeg														
First Nations	432	259	259	259	369	326	***	297	418	418	94	***	***	32
Rate per 100		60.0	60.0	60.0	85.4	75.5	N/A	68.8	96.8	96.8	21.8	N/A	N/A	7.4
Non-First Nations	7,159	4,855	4,853	4,816	5,767	5,324	22	5,240	6,360	6,360	2,730	375	350	536
Rate per 100		67.8	67.8	67.3	80.6	74.4	0.3	73.2	88.8	88.8	38.1	5.2	4.9	7.5
All Children	7,591	5,114	5,112	5,075	6,136	5,650	22	5,537	6,778	6,778	2,824	378	353	568
Rate per 100		67.4	67.3	66.9	80.8	74.4	0.3	72.9	89.3	89.3	37.2	5.0	4.7	7.5
Brandon														
First Nations	50	25	25	24	40	32	***	32	45	45	13	***	***	***
Rate per 100		50.0	50.0	48.0	80.0	64.0	N/A	64.0	90.0	90.0	26.0	N/A	N/A	N/A
Non-First Nations	494	363	363	362	424	387	***	400	457	459	208	12	15	25
Rate per 100		73.5	73.5	73.3	85.8	78.3	N/A	81.0	92.5	92.9	42.1	2.4	3.0	5.1
All Children	544	388	388	386	464	419	***	432	502	504	221	12	16	26
Rate per 100		71.3	71.3	71.0	85.3	77.0	N/A	79.4	92.3	92.6	40.6	2.2	2.9	4.8
North Eastman														
First Nations	173	96	96	96	148	118	***	130	168	168	51	***	***	13
Rate per 100		55.5	55.5	55.5	85.5	68.2	N/A	75.1	97.1	97.1	29.5	N/A	N/A	7.5
Non-First Nations	381	306	306	307	343	320	***	325	360	360	101	13	6	23
Rate per 100		80.3	80.3	80.6	90.0	84.0	N/A	85.3	94.5	94.5	26.5	3.4	1.6	6.0
All Children	554	402	402	403	491	438	***	455	528	528	152	14	6	36
Rate per 100		72.6	72.6	72.7	88.6	79.1	N/A	82.1	95.3	95.3	27.4	2.5	1.1	6.5
South Eastman														
First Nations	5	***	***	***	***	***	***	5	5	5	***	***	***	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	100.0	100.0	100.0	N/A	N/A	N/A	N/A
Non-First Nations	1,067	867	867	868	965	894	***	941	985	986	285	130	62	48
Rate per 100		81.3	81.3	81.3	90.4	83.8	N/A	88.2	92.3	92.4	26.7	12.2	5.8	4.5
All Children	1,072	871	871	872	969	898	***	946	990	991	286	130	62	48
Rate per 100		81.3	81.3	81.3	90.4	83.8	N/A	88.2	92.4	92.4	26.7	12.1	5.8	4.5
Interlake														
First Nations	115	67	67	68	103	87	***	83	112	112	20	***	6	***
Rate per 100		58.3	58.3	59.1	89.6	75.7	N/A	72.2	97.4	97.4	17.4	N/A	5.2	N/A
Non-First Nations	780	597	597	592	694	645	***	619	723	723	244	22	30	51
Rate per 100		76.5	76.5	75.9	89.0	82.7	N/A	79.4	92.7	92.7	31.3	2.8	3.8	6.5
All Children	895	664	664	660	797	732	***	702	835	835	264	23	36	51
Rate per 100		74.2	74.2	73.7	89.1	81.8	N/A	78.4	93.3	93.3	29.5	2.6	4.0	5.7
Central														
First Nations	118	73	73	73	97	77	***	93	111	111	29	***	***	7
Rate per 100		61.9	61.9	61.9	82.2	65.3	N/A	78.8	94.1	94.1	24.6	N/A	N/A	5.9
Non-First Nations	1,470	1,132	1,131	1,129	1,303	1,175	7	1,253	1,350	1,349	395	147	56	56
Rate per 100		77.0	76.9	76.8	88.6	79.9	0.5	85.2	91.8	91.8	26.9	10.0	3.8	3.8
All Children	1,588	1,205	1,204	1,202	1,400	1,252	7	1,346	1,461	1,460	424	147	56	63
Rate per 100		75.9	75.8	75.7	88.2	78.8	0.4	84.8	92.0	91.9	26.7	9.3	3.5	4.0
Assiniboine														
First Nations	67	45	45	45	56	51	***	51	65	65	10	***	***	***
Rate per 100		67.2	67.2	67.2	83.6	76.1	N/A	76.1	97.0	97.0	14.9	N/A	N/A	N/A
Non-First Nations	676	561	561	561	617	580	***	602	627	627	237	24	33	32
Rate per 100		83.0	83.0	83.0	91.3	85.8	N/A	89.1	92.8	92.8	35.1	3.6	4.9	4.7
All Children	743	606	606	606	673	631	***	653	692	692	247	24	34	33
Rate per 100		81.6	81.6	81.6	90.6	84.9	N/A	87.9	93.1	93.1	33.2	3.2	4.6	4.4

Report 2 - Complete for Age from Birth to 2008 by Immunogen and Age

Age 7

	Pop	Diphth	Tet	Part	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Parkland														
First Nations	85	77	77	76	89	79	***	85	90	90	22	***	***	5
Rate per 100		90.6	90.6	89.4	104.7	92.9	N/A	100.0	105.9	105.9	25.9	N/A	N/A	5.9
Non-First Nations	399	330	330	330	363	342	***	350	375	375	149	11	20	30
Rate per 100		82.7	82.7	82.7	91.0	85.7	N/A	87.7	94.0	94.0	37.3	2.8	5.0	7.5
All Children	484	407	407	406	452	421	***	435	465	465	171	12	20	35
Rate per 100		84.1	84.1	83.9	93.4	87.0	N/A	89.9	96.1	96.1	35.3	2.5	4.1	7.2
NOR-MAN														
First Nations	172	139	139	139	166	154	***	147	172	172	50	***	***	18
Rate per 100		80.8	80.8	80.8	96.5	89.5	N/A	85.5	100.0	100.0	29.1	N/A	N/A	10.5
Non-First Nations	239	187	187	187	211	194	***	203	216	216	92	7	11	27
Rate per 100		78.2	78.2	78.2	88.3	81.2	N/A	84.9	90.4	90.4	38.5	2.9	4.6	11.3
All Children	411	326	326	326	377	348	***	350	388	388	142	8	11	45
Rate per 100		79.3	79.3	79.3	91.7	84.7	N/A	85.2	94.4	94.4	34.5	1.9	2.7	10.9
Burntwood														
First Nations	702	435	435	433	618	483	***	537	680	680	105	5	***	23
Rate per 100		62.0	62.0	61.7	88.0	68.8	N/A	76.5	96.9	96.9	15.0	0.7	N/A	3.3
Non-First Nations	304	218	218	217	264	233	***	253	275	275	96	8	***	32
Rate per 100		71.7	71.7	71.4	86.8	76.6	N/A	83.2	90.5	90.5	31.6	2.6	N/A	10.5
All Children	1,006	653	653	650	882	716	***	790	955	955	201	13	***	55
Rate per 100		64.9	64.9	64.6	87.7	71.2	N/A	78.5	94.9	94.9	20.0	1.3	N/A	5.5
Churchill														
First Nations	4	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	19	16	16	16	17	16	***	18	18	18	14	***	***	***
Rate per 100		84.2	84.2	84.2	89.5	84.2	N/A	94.7	94.7	94.7	73.7	N/A	N/A	N/A
All Children	23	20	20	20	21	20	***	22	22	22	18	***	***	***
Rate per 100		87.0	87.0	87.0	91.3	87.0	N/A	95.7	95.7	95.7	78.3	N/A	N/A	N/A

Report 2 - Complete for Age from Birth to 2008 by Immunogen and Age

Age 11

	Pop	Diphth	Tet	Peri	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
MANITOBA														
First Nations	1,850	1,094	1,094	1,065	1,437	1,213	***	1,378	1,769	1,769	252	998	1,235	70
Rate per 100		59.1	59.1	57.6	77.7	65.6	N/A	74.5	95.6	95.6	13.6	53.9	66.8	3.8
Non-First Nations	13,684	10,002	10,002	9,580	11,154	10,488	***	10,750	12,210	12,208	2,067	10,502	10,682	647
Rate per 100		73.1	73.1	70.0	81.5	76.6	N/A	78.6	89.2	89.2	15.1	76.7	79.5	4.7
All Children	15,534	11,096	11,096	10,645	12,591	11,701	***	12,128	13,979	13,977	2,319	11,500	12,117	717
Rate per 100		71.4	71.4	68.5	81.1	75.3	N/A	78.1	90.0	90.0	14.9	74.0	78.0	4.6
Winnipeg														
First Nations	473	297	297	283	387	338	***	345	446	446	49	229	264	22
Rate per 100		62.8	62.8	59.8	81.8	71.5	N/A	72.9	94.3	94.3	10.4	48.4	55.8	4.7
Non-First Nations	7,539	5,006	5,006	4,733	5,746	5,431	***	5,349	6,446	6,444	1,149	5,602	5,798	378
Rate per 100		66.4	66.4	62.8	76.2	72.0	N/A	71.0	85.5	85.5	15.2	74.3	76.9	5.0
All Children	8,012	5,303	5,303	5,016	6,133	5,769	***	5,694	6,892	6,890	1,198	5,831	6,062	400
Rate per 100		66.2	66.2	62.6	76.5	72.0	N/A	71.1	86.0	86.0	15.0	72.8	75.7	5.0
Brandon														
First Nations	41	18	18	17	34	27	***	29	40	40	9	26	32	***
Rate per 100		43.9	43.9	41.5	82.9	65.9	N/A	70.7	97.6	97.6	22.0	63.4	78.0	N/A
Non-First Nations	521	395	395	393	428	402	***	423	453	453	99	397	427	15
Rate per 100		75.8	75.8	75.4	82.1	77.2	N/A	81.2	86.9	86.9	19.0	76.2	82.0	2.9
All Children	562	413	413	410	462	429	***	452	493	493	108	423	459	15
Rate per 100		73.5	73.5	73.0	82.2	76.3	N/A	80.4	87.7	87.7	19.2	75.3	81.7	2.7
North Eastman														
First Nations	147	82	82	78	111	94	***	107	145	145	18	72	84	8
Rate per 100		55.8	55.8	53.1	75.5	63.9	N/A	72.8	98.6	98.6	12.2	49.0	57.1	5.4
Non-First Nations	398	308	308	297	347	323	***	345	376	376	66	312	312	22
Rate per 100		77.4	77.4	74.6	87.2	81.2	N/A	86.7	94.5	94.5	16.6	78.4	78.4	5.5
All Children	545	390	390	375	458	417	***	452	521	521	84	384	396	30
Rate per 100		71.6	71.6	68.8	84.0	76.5	N/A	82.9	95.6	95.6	15.4	70.5	72.7	5.5
South Eastman														
First Nations	6	***	***	***	5	***	***	5	5	5	***	***	***	***
Rate per 100		N/A	N/A	N/A	83.3	N/A	N/A	83.3	83.3	83.3	N/A	N/A	N/A	N/A
Non-First Nations	1,066	860	860	811	928	846	***	952	993	993	130	848	818	28
Rate per 100		80.7	80.7	76.1	87.1	79.4	N/A	89.3	93.2	93.2	12.2	79.5	76.7	2.6
All Children	1,072	864	864	815	933	850	***	957	998	998	131	850	821	28
Rate per 100		80.6	80.6	76.0	87.0	79.3	N/A	89.3	93.1	93.1	12.2	79.3	76.6	2.6
Interlake														
First Nations	139	96	96	95	116	104	***	109	133	133	7	51	59	***
Rate per 100		69.1	69.1	68.3	83.5	74.8	N/A	78.4	95.7	95.7	5.0	36.7	42.4	N/A
Non-First Nations	896	697	697	677	773	734	***	735	834	834	112	726	744	50
Rate per 100		77.8	77.8	75.6	86.3	81.9	N/A	82.0	93.1	93.1	12.5	81.0	83.0	5.6
All Children	1,035	793	793	772	889	838	***	844	967	967	119	777	803	52
Rate per 100		76.6	76.6	74.6	85.9	81.0	N/A	81.5	93.4	93.4	11.5	75.1	77.6	5.0
Central														
First Nations	136	51	51	50	82	56	***	90	131	131	22	47	67	5
Rate per 100		37.5	37.5	36.8	60.3	41.2	N/A	66.2	96.3	96.3	16.2	34.6	49.3	3.7
Non-First Nations	1,555	1,290	1,290	1,246	1,372	1,272	***	1,386	1,468	1,468	218	1,206	1,268	52
Rate per 100		83.0	83.0	80.1	88.2	81.8	N/A	89.1	94.4	94.4	14.0	77.6	81.5	3.3
All Children	1,691	1,341	1,341	1,296	1,454	1,328	***	1,476	1,599	1,599	240	1,253	1,335	57
Rate per 100		79.3	79.3	76.6	86.0	78.5	N/A	87.3	94.6	94.6	14.2	74.1	78.9	3.4
Assiniboine														
First Nations	69	26	26	25	41	37	***	40	65	65	***	37	45	***
Rate per 100		37.7	37.7	36.2	59.4	53.6	N/A	58.0	94.2	94.2	N/A	53.6	65.2	N/A
Non-First Nations	765	654	654	639	698	663	***	701	730	730	125	643	673	37
Rate per 100		85.5	85.5	83.5	91.2	86.7	N/A	91.6	95.4	95.4	16.3	84.1	88.0	4.8
All Children	834	680	680	664	739	700	***	741	795	795	125	680	718	38
Rate per 100		81.5	81.5	79.6	88.6	83.9	N/A	88.8	95.3	95.3	15.0	81.5	86.1	4.6

Report 2 - Complete for Age from Birth to 2008 by Immunogen and Age

Age 11

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Parkland														
First Nations	92	73	73	73	84	77	***	85	92	92	24	78	86	***
Rate per 100		79.3	79.3	79.3	91.3	83.7	N/A	92.4	100.0	100.0	26.1	84.8	93.5	N/A
Non-First Nations	441	378	378	378	410	388	***	408	430	430	94	375	402	13
Rate per 100		85.7	85.7	85.7	93.0	88.0	N/A	92.5	97.5	97.5	21.3	85.0	91.2	2.9
All Children	533	451	451	451	494	465	***	493	522	522	118	453	488	16
Rate per 100		84.6	84.6	84.6	92.7	87.2	N/A	92.5	97.9	97.9	22.1	85.0	91.6	3.0
NOR-MAN														
First Nations	151	114	114	111	130	122	***	123	145	145	27	84	112	12
Rate per 100		75.5	75.5	73.5	86.1	80.8	N/A	81.5	96.0	96.0	17.9	55.6	74.2	7.9
Non-First Nations	239	208	208	208	218	214	***	219	227	227	38	189	208	18
Rate per 100		87.0	87.0	87.0	91.2	89.5	N/A	91.6	95.0	95.0	15.9	79.1	87.0	7.5
All Children	390	322	322	319	348	336	***	342	372	372	65	273	320	30
Rate per 100		82.6	82.6	81.8	89.2	86.2	N/A	87.7	95.4	95.4	16.7	70.0	82.1	7.7
Burntwood														
First Nations	591	330	330	326	443	351	***	441	562	562	94	367	478	16
Rate per 100		55.8	55.8	55.2	75.0	59.4	N/A	74.6	95.1	95.1	15.9	62.1	80.9	2.7
Non-First Nations	255	201	201	193	229	210	***	227	247	247	35	197	225	32
Rate per 100		78.8	78.8	75.7	89.8	82.4	N/A	89.0	96.9	96.9	13.7	77.3	88.2	12.5
All Children	846	531	531	519	672	561	***	668	809	809	129	564	703	48
Rate per 100		62.8	62.8	61.3	79.4	66.3	N/A	79.0	95.6	95.6	15.2	66.7	83.1	5.7
Churchill														
First Nations	5	***	***	***	***	***	***	***	5	5	***	5	5	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	100.0	N/A	100.0	100.0	N/A
Non-First Nations	9	5	5	5	5	5	***	5	6	6	***	7	7	***
Rate per 100		55.6	55.6	55.6	55.6	55.6	N/A	55.6	66.7	66.7	N/A	77.8	77.8	N/A
All Children	14	8	8	8	9	8	***	9	11	11	***	12	12	***
Rate per 100		57.1	57.1	57.1	64.3	57.1	N/A	64.3	78.6	78.6	N/A	85.7	85.7	N/A

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Age 17

	Pop	Diphth	Tet	Pert	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
MANITOBA														
First Nations	1,919	720	719	621	1,292	79	***	1,281	1,797	1,807	***	1,061	11	61
Rate per 100		37.5	37.5	32.4	67.3	4.1	N/A	66.8	93.6	94.2	N/A	55.3	0.6	3.2
Non-First Nations	15,928	10,658	10,668	9,453	13,400	1,120	***	13,056	14,458	14,464	93	11,366	294	434
Rate per 100		66.9	67.0	59.3	84.1	7.0	N/A	82.0	90.8	90.8	0.6	71.4	1.8	2.7
All Children	17,847	11,378	11,387	10,074	14,692	1,199	***	14,337	16,255	16,271	96	12,427	305	495
Rate per 100		63.8	63.8	56.4	82.3	6.7	N/A	80.3	91.1	91.2	0.5	69.6	1.7	2.8
Winnipeg														
First Nations	474	183	183	147	365	28	***	335	452	454	***	283	***	17
Rate per 100		38.6	38.6	31.0	77.0	5.9	N/A	70.7	95.4	95.8	N/A	59.7	N/A	3.6
Non-First Nations	8,842	5,464	5,467	4,761	7,231	671	***	6,899	7,724	7,726	61	6,029	213	242
Rate per 100		61.8	61.8	53.8	81.8	7.6	N/A	78.0	87.4	87.4	0.7	68.2	2.4	2.7
All Children	9,316	5,647	5,650	4,908	7,596	699	***	7,234	8,176	8,180	62	6,312	217	259
Rate per 100		60.6	60.6	52.7	81.5	7.5	N/A	77.7	87.8	87.8	0.7	67.8	2.3	2.8
Brandon														
First Nations	29	10	10	10	21	***	***	21	27	27	***	18	***	***
Rate per 100		34.5	34.5	34.5	72.4	N/A	N/A	72.4	93.1	93.1	N/A	62.1	N/A	N/A
Non-First Nations	607	429	429	396	477	44	***	514	563	563	***	453	***	11
Rate per 100		70.7	70.7	65.2	78.6	7.2	N/A	84.7	92.8	92.8	N/A	74.6	N/A	1.8
All Children	636	439	439	406	498	45	***	535	590	590	***	471	***	13
Rate per 100		69.0	69.0	63.8	78.3	7.1	N/A	84.1	92.8	92.8	N/A	74.1	N/A	2.0
North Eastman														
First Nations	153	51	51	46	96	***	***	83	141	142	***	69	***	5
Rate per 100		33.3	33.3	30.1	62.7	N/A	N/A	54.2	92.2	92.8	N/A	45.1	N/A	3.3
Non-First Nations	496	327	329	266	456	37	***	443	483	483	5	359	7	11
Rate per 100		65.9	66.3	53.6	91.9	7.5	N/A	89.3	97.4	97.4	1.0	72.4	1.4	2.2
All Children	649	378	380	312	552	39	***	526	624	625	5	428	8	16
Rate per 100		58.2	58.6	48.1	85.1	6.0	N/A	81.0	96.1	96.3	0.8	65.9	1.2	2.5
South Eastman														
First Nations	8	***	***	***	6	***	***	***	7	7	***	***	***	***
Rate per 100		N/A	N/A	N/A	75.0	N/A	N/A	N/A	87.5	87.5	N/A	N/A	N/A	N/A
Non-First Nations	1,185	866	868	760	1,055	93	***	1,057	1,134	1,137	6	821	16	18
Rate per 100		73.1	73.2	64.1	89.0	7.8	N/A	89.2	95.7	95.9	0.5	69.3	1.4	1.5
All Children	1,193	869	871	762	1,061	93	***	1,061	1,141	1,144	6	824	16	18
Rate per 100		72.8	73.0	63.9	88.9	7.8	N/A	88.9	95.6	95.9	0.5	69.1	1.3	1.5
Interlake														
First Nations	142	65	65	61	104	6	***	91	139	139	***	90	***	***
Rate per 100		45.8	45.8	43.0	73.2	4.2	N/A	64.1	97.9	97.9	N/A	63.4	N/A	N/A
Non-First Nations	1,046	785	785	696	916	77	***	838	984	985	***	782	7	33
Rate per 100		75.0	75.0	66.5	87.6	7.4	N/A	80.1	94.1	94.2	N/A	74.8	0.7	3.2
All Children	1,188	850	850	757	1,020	83	***	929	1,123	1,124	***	872	7	36
Rate per 100		71.5	71.5	63.7	85.9	7.0	N/A	78.2	94.5	94.6	N/A	73.4	0.6	3.0
Central														
First Nations	143	40	40	33	67	6	***	83	120	120	***	68	***	***
Rate per 100		28.0	28.0	23.1	46.9	4.2	N/A	58.0	83.9	83.9	N/A	47.6	N/A	N/A
Non-First Nations	1,679	1,279	1,281	1,180	1,492	84	***	1,497	1,607	1,606	7	1,275	28	40
Rate per 100		76.2	76.3	70.3	88.9	5.0	N/A	89.2	95.7	95.7	0.4	75.9	1.7	2.4
All Children	1,822	1,319	1,321	1,213	1,559	90	***	1,580	1,727	1,726	7	1,343	30	42
Rate per 100		72.4	72.5	66.6	85.6	4.9	N/A	86.7	94.8	94.7	0.4	73.7	1.6	2.3
Assiniboine														
First Nations	77	34	34	29	55	***	***	47	73	73	***	47	***	***
Rate per 100		44.2	44.2	37.7	71.4	N/A	N/A	61.0	94.8	94.8	N/A	61.0	N/A	N/A
Non-First Nations	931	749	750	696	814	59	***	798	881	881	***	748	9	35
Rate per 100		80.5	80.6	74.8	87.4	6.3	N/A	85.7	94.6	94.6	N/A	80.3	1.0	3.8
All Children	1,008	783	784	725	869	62	***	845	954	954	***	795	10	36
Rate per 100		77.7	77.8	71.9	86.2	6.2	N/A	83.8	94.6	94.6	N/A	78.9	1.0	3.6

Report 2 - Complete for Age from Birth to 2008 by Immunogen and Age

Age 17

	Pop	Diphth	Tet	Port	Polio	Hib	PCV7	Measles	Mumps	Rubella	V	HB	MC	Flu
Parkland														
First Nations	103	68	68	56	96	***	***	98	106	106	***	91	***	***
Rate per 100		66.0	66.0	54.4	93.2	N/A	N/A	95.1	102.9	102.9	N/A	88.3	N/A	N/A
Non-First Nations	527	396	396	370	462	27	***	479	510	510	***	428	5	10
Rate per 100		75.1	75.1	70.2	87.7	5.1	N/A	90.9	96.8	96.8	N/A	81.2	0.9	1.9
All Children	630	464	464	426	558	29	***	577	616	616	***	519	5	11
Rate per 100		73.7	73.7	67.6	88.6	4.6	N/A	91.6	97.8	97.8	N/A	82.4	0.8	1.7
NOR-MAN														
First Nations	140	46	46	40	105	6	***	123	134	135	***	98	***	13
Rate per 100		32.9	32.9	28.6	75.0	4.3	N/A	87.9	95.7	96.4	N/A	70.0	N/A	9.3
Non-First Nations	287	186	186	176	241	8	***	256	272	273	***	244	***	15
Rate per 100		64.8	64.8	61.3	84.0	2.8	N/A	89.2	94.8	95.1	N/A	85.0	N/A	5.2
All Children	427	232	232	216	346	14	***	379	406	408	***	342	***	28
Rate per 100		54.3	54.3	50.6	81.0	3.3	N/A	88.8	95.1	95.6	N/A	80.1	N/A	6.6
Burntwood														
First Nations	646	218	217	195	374	25	***	393	594	600	***	291	***	17
Rate per 100		33.7	33.6	30.2	57.9	3.9	N/A	60.8	92.0	92.9	N/A	45.0	N/A	2.6
Non-First Nations	321	174	174	150	252	20	***	271	296	296	***	225	***	18
Rate per 100		54.2	54.2	46.7	78.5	6.2	N/A	84.4	92.2	92.2	N/A	70.1	N/A	5.6
All Children	967	392	391	345	626	45	***	664	890	896	***	516	6	35
Rate per 100		40.5	40.4	35.7	64.7	4.7	N/A	68.7	92.0	92.7	N/A	53.4	0.6	3.6
Churchill														
First Nations	4	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations	7	***	***	***	***	***	***	***	***	***	***	***	***	***
Rate per 100		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Children	11	5	5	***	7	***	***	7	8	8	***	5	***	***
Rate per 100		45.5	45.5	N/A	63.6	N/A	N/A	63.6	72.7	72.7	N/A	45.5	N/A	N/A

Report 3 - Complete for Age from Birth to 2008 for all Immunogens by Region of Residence

For all residents, continuous residents and non-continuous residents

		All Residents			Continuous Residents			Non-Continuous Residents		
Age		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
MANITOBA										
1	First Nations	2,572	1,640	63.8	2,554	1,635	64.0	18	5	27.8
	Non-First Nations	12,972	10,201	78.6	12,329	9,956	80.8	643	245	38.1
	All 1 Year Olds	15,544	11,841	76.2	14,883	11,591	77.9	661	250	37.8
2	First Nations	2,346	1,205	51.4	2,323	1,198	51.6	23	7	30.4
	Non-First Nations	12,666	7,924	62.6	11,548	7,678	66.5	1,118	246	22.0
	All 2 Year Olds	15,012	9,129	60.8	13,871	8,876	64.0	1,141	253	22.2
7	First Nations	1,923	1,118	58.1	1,862	1,099	59.0	61	19	31.1
	Non-First Nations	12,988	8,961	69.0	10,481	8,236	78.6	2,507	725	28.9
	All 7 Year Olds	14,911	10,079	67.6	12,343	9,335	75.6	2,568	744	29.0
11	First Nations	1,850	592	32.0	1,750	574	32.8	100	18	18.0
	Non-First Nations	13,684	7,753	56.7	10,582	7,062	66.7	3,102	691	22.3
	All 11 Year Olds	15,534	8,345	53.7	12,332	7,636	61.9	3,202	709	22.1
17	First Nations	1,919	348	18.1	1,750	320	18.3	169	28	16.6
	Non-First Nations	15,928	7,609	47.8	11,839	6,751	57.0	4,089	858	21.0
	All 17 Year Olds	17,847	7,957	44.6	13,589	7,071	52.0	4,258	886	20.8
Winnipeg										
1	First Nations	608	415	68.3	601	414	68.9	7	***	N/A
	Non-First Nations	7,041	5,555	78.9	6,694	5,475	81.8	347	80	23.1
	All 1 Year Olds	7,649	5,970	78.0	7,295	5,889	80.7	354	81	22.9
2	First Nations	559	258	46.2	552	256	46.4	7	***	N/A
	Non-First Nations	6,952	4,391	63.2	6,313	4,298	68.1	639	93	14.6
	All 2 Year Olds	7,511	4,649	61.9	6,865	4,554	66.3	646	95	14.7
7	First Nations	432	235	54.4	412	230	55.8	20	5	25.0
	Non-First Nations	7,159	4,553	63.6	5,720	4,342	75.9	1,439	211	14.7
	All 7 Year Olds	7,591	4,788	63.1	6,132	4,572	74.6	1,459	216	14.8
11	First Nations	473	143	30.2	440	140	31.8	33	***	N/A
	Non-First Nations	7,539	3,720	49.3	5,736	3,518	61.3	1,803	202	11.2
	All 11 Year Olds	8,012	3,863	48.2	6,176	3,658	59.2	1,836	205	11.2
17	First Nations	474	99	20.9	402	92	22.9	72	7	9.7
	Non-First Nations	8,842	3,831	43.3	6,383	3,400	53.3	2,459	431	17.5
	All 17 Year Olds	9,316	3,930	42.2	6,785	3,492	51.5	2,531	438	17.3
Brandon										
1	First Nations	60	43	71.7	59	43	72.9	1	***	N/A
	Non-First Nations	658	532	80.9	620	516	83.2	38	16	42.1
	All 1 Year Olds	718	575	80.1	679	559	82.3	39	16	41.0
2	First Nations	73	34	46.6	72	34	47.2	1	***	N/A
	Non-First Nations	632	430	68.0	566	406	71.7	66	24	36.4
	All 2 Year Olds	705	464	65.8	638	440	69.0	67	24	35.8
7	First Nations	50	24	48.0	45	22	48.9	5	***	N/A
	Non-First Nations	494	348	70.4	381	317	83.2	113	31	27.4
	All 7 Year Olds	544	372	68.4	426	339	79.6	118	33	28.0
11	First Nations	41	12	29.3	38	9	23.7	3	***	N/A
	Non-First Nations	521	334	64.1	374	289	77.3	147	45	30.6
	All 11 Year Olds	562	346	61.6	412	298	72.3	150	48	32.0
17	First Nations	29	6	20.7	23	6	26.1	6	***	N/A
	Non-First Nations	607	330	54.4	434	301	69.4	173	29	16.8
	All 17 Year Olds	636	336	52.8	457	307	67.2	179	29	16.2

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For all residents, continuous residents and non-continuous residents

		All Residents			Continuous Residents			Non-Continuous Residents		
Age		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
North Eastman										
1	First Nations	165	88	53.3	165	88	53.3	0	***	N/A
	Non-First Nations	357	269	75.4	343	263	76.7	14	6	42.9
	All 1 Year Olds	522	357	68.4	508	351	69.1	14	6	42.9
2	First Nations	171	96	56.1	171	96	56.1	0	***	N/A
	Non-First Nations	324	190	58.6	307	187	60.9	17	***	N/A
	All 2 Year Olds	495	286	57.8	478	283	59.2	17	***	N/A
7	First Nations	173	93	53.8	168	93	55.4	5	***	N/A
	Non-First Nations	381	294	77.2	335	273	81.5	46	21	45.7
	All 7 Year Olds	554	387	69.9	503	366	72.8	51	21	41.2
11	First Nations	147	36	24.5	143	35	24.5	4	***	N/A
	Non-First Nations	398	238	59.8	337	228	67.7	61	10	16.4
	All 11 Year Olds	545	274	50.3	480	263	54.8	65	11	16.9
17	First Nations	153	18	11.8	146	18	12.3	7	***	N/A
	Non-First Nations	496	213	42.9	414	191	46.1	82	22	26.8
	All 17 Year Olds	649	231	35.6	560	209	37.3	89	22	24.7
South Eastman										
1	First Nations	11	9	81.8	11	9	81.8	0	***	N/A
	Non-First Nations	997	815	81.7	958	792	82.7	39	23	59.0
	All 1 Year Olds	1,008	824	81.7	969	801	82.7	39	23	59.0
2	First Nations	13	9	69.2	13	9	69.2	0	***	N/A
	Non-First Nations	996	676	67.9	912	649	71.2	84	27	32.1
	All 2 Year Olds	1,009	685	67.9	925	658	71.1	84	27	32.1
7	First Nations	5	***	N/A	4	***	N/A	1	***	N/A
	Non-First Nations	1,067	842	78.9	794	681	85.8	273	161	59.0
	All 7 Year Olds	1,072	846	78.9	798	685	85.8	274	161	58.8
11	First Nations	6	***	N/A	5	***	N/A	1	***	N/A
	Non-First Nations	1,066	669	62.8	774	563	72.7	292	106	36.3
	All 11 Year Olds	1,072	670	62.5	779	564	72.4	293	106	36.2
17	First Nations	8	***	N/A	7	***	N/A	1	***	N/A
	Non-First Nations	1,185	572	48.3	831	495	59.6	354	77	21.8
	All 17 Year Olds	1,193	574	48.1	838	496	59.2	355	78	22.0
Interlake										
1	First Nations	153	98	64.1	152	98	64.5	1	***	N/A
	Non-First Nations	730	589	80.7	703	577	82.1	27	12	44.4
	All 1 Year Olds	883	687	77.8	855	675	78.9	28	12	42.9
2	First Nations	151	68	45.0	148	68	45.9	3	***	N/A
	Non-First Nations	710	445	62.7	666	433	65.0	44	12	27.3
	All 2 Year Olds	861	513	59.6	814	501	61.5	47	12	25.5
7	First Nations	115	61	53.0	112	61	54.5	3	***	N/A
	Non-First Nations	780	550	70.5	690	521	75.5	90	29	32.2
	All 7 Year Olds	895	611	68.3	802	582	72.6	93	29	31.2
11	First Nations	139	34	24.5	136	34	25.0	3	***	N/A
	Non-First Nations	896	547	61.0	764	511	66.9	132	36	27.3
	All 11 Year Olds	1,035	581	56.1	900	545	60.6	135	36	26.7
17	First Nations	142	33	23.2	131	33	25.2	11	***	N/A
	Non-First Nations	1,046	515	49.2	880	477	54.2	166	38	22.9
	All 17 Year Olds	1,188	548	46.1	1,011	510	50.4	177	38	21.5

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For all residents, continuous residents and non-continuous residents

Age		All Residents			Continuous Residents			Non-Continuous Residents		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
Central										
1	First Nations	175	81	46.3	174	81	46.6	1	***	N/A
	Non-First Nations	1,410	1,003	71.1	1,323	958	72.4	87	45	51.7
	All 1 Year Olds	1,585	1,084	68.4	1,497	1,039	69.4	88	45	51.1
2	First Nations	171	61	35.7	170	61	35.9	1	***	N/A
	Non-First Nations	1,427	700	49.1	1,283	676	52.7	144	24	16.7
	All 2 Year Olds	1,598	761	47.6	1,453	737	50.7	145	24	16.6
7	First Nations	118	68	57.6	115	68	59.1	3	***	N/A
	Non-First Nations	1,470	1,091	74.2	1,180	940	79.7	290	151	52.1
	All 7 Year Olds	1,588	1,159	73.0	1,295	1,008	77.8	293	151	51.5
11	First Nations	136	25	18.4	132	24	18.2	4	***	N/A
	Non-First Nations	1,555	1,014	65.2	1,207	871	72.2	348	143	41.1
	All 11 Year Olds	1,691	1,039	61.4	1,339	895	66.8	352	144	40.9
17	First Nations	143	17	11.9	134	13	9.7	9	***	N/A
	Non-First Nations	1,679	978	58.2	1,257	850	67.6	422	128	30.3
	All 17 Year Olds	1,822	995	54.6	1,391	863	62.0	431	132	30.6
Assiniboine										
1	First Nations	99	61	61.6	98	59	60.2	1	***	N/A
	Non-First Nations	705	577	81.8	662	546	82.5	43	31	72.1
	All 1 Year Olds	804	638	79.4	760	605	79.6	44	33	75.0
2	First Nations	99	59	59.6	97	59	60.8	2	***	N/A
	Non-First Nations	645	416	64.5	594	389	65.5	51	27	52.9
	All 2 Year Olds	744	475	63.8	691	448	64.8	53	27	50.9
7	First Nations	67	42	62.7	57	40	70.2	10	***	N/A
	Non-First Nations	676	553	81.8	570	505	88.6	106	48	45.3
	All 7 Year Olds	743	595	80.1	627	545	86.9	116	50	43.1
11	First Nations	69	14	20.3	49	12	24.5	20	***	N/A
	Non-First Nations	765	569	74.4	614	500	81.4	151	69	45.7
	All 11 Year Olds	834	583	69.9	663	512	77.2	171	71	41.5
17	First Nations	77	21	27.3	59	19	32.2	18	***	N/A
	Non-First Nations	931	566	60.8	762	518	68.0	169	48	28.4
	All 17 Year Olds	1,008	587	58.2	821	537	65.4	187	50	26.7
Parkland										
1	First Nations	119	91	76.5	119	91	76.5	0	***	N/A
	Non-First Nations	438	375	85.6	419	362	86.4	19	13	68.4
	All 1 Year Olds	557	466	83.7	538	453	84.2	19	13	68.4
2	First Nations	108	77	71.3	105	75	71.4	3	***	N/A
	Non-First Nations	421	302	71.7	391	282	72.1	30	20	66.7
	All 2 Year Olds	529	379	71.6	496	357	72.0	33	22	66.7
7	First Nations	85	74	87.1	83	71	85.5	2	***	N/A
	Non-First Nations	399	322	80.7	338	290	85.8	61	32	52.5
	All 7 Year Olds	484	396	81.8	421	361	85.7	63	35	55.6
11	First Nations	92	58	63.0	83	54	65.1	9	***	N/A
	Non-First Nations	441	330	74.8	360	287	79.7	81	43	53.1
	All 11 Year Olds	533	388	72.8	443	341	77.0	90	47	52.2
17	First Nations	103	46	44.7	92	39	42.4	11	7	63.6
	Non-First Nations	527	311	59.0	408	272	66.7	119	39	32.8
	All 17 Year Olds	630	357	56.7	500	311	62.2	130	46	35.4

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For all residents, continuous residents and non-continuous residents

		All Residents			Continuous Residents			Non-Continuous Residents		
Age		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
NOR-MAN										
1	First Nations	215	164	76.3	213	163	76.5	2	***	N/A
	Non-First Nations	266	203	76.3	255	193	75.7	11	10	90.9
	All 1 Year Olds	481	367	76.3	468	356	76.1	13	11	84.6
2	First Nations	179	104	58.1	176	102	58.0	3	***	N/A
	Non-First Nations	226	152	67.3	207	146	70.5	19	6	31.6
	All 2 Year Olds	405	256	63.2	383	248	64.8	22	8	36.4
7	First Nations	172	135	78.5	167	132	79.0	5	***	N/A
	Non-First Nations	239	182	76.2	197	161	81.7	42	21	50.0
	All 7 Year Olds	411	317	77.1	364	293	80.5	47	24	51.1
11	First Nations	151	66	43.7	145	66	45.5	6	***	N/A
	Non-First Nations	239	173	72.4	197	152	77.2	42	21	50.0
	All 11 Year Olds	390	239	61.3	342	218	63.7	48	21	43.8
17	First Nations	140	31	22.1	131	29	22.1	9	***	N/A
	Non-First Nations	287	166	57.8	221	142	64.3	66	24	36.4
	All 17 Year Olds	427	197	46.1	352	171	48.6	75	26	34.7
Burntwood										
1	First Nations	964	587	60.9	959	586	61.1	5	***	N/A
	Non-First Nations	358	274	76.5	341	266	78.0	17	8	47.1
	All 1 Year Olds	1,322	861	65.1	1,300	852	65.5	22	9	40.9
2	First Nations	818	436	53.3	815	435	53.4	3	***	N/A
	Non-First Nations	321	211	65.7	297	201	67.7	24	10	41.7
	All 2 Year Olds	1,139	647	56.8	1,112	636	57.2	27	11	40.7
7	First Nations	702	378	53.8	695	374	53.8	7	***	N/A
	Non-First Nations	304	210	69.1	262	194	74.0	42	16	38.1
	All 7 Year Olds	1,006	588	58.4	957	568	59.4	49	20	40.8
11	First Nations	591	200	33.8	574	196	34.1	17	***	N/A
	Non-First Nations	255	154	60.4	213	138	64.8	42	16	38.1
	All 11 Year Olds	846	354	41.8	787	334	42.4	59	20	33.9
17	First Nations	646	75	11.6	621	70	11.3	25	5	20.0
	Non-First Nations	321	126	39.3	245	104	42.4	76	22	28.9
	All 17 Year Olds	967	201	20.8	866	174	20.1	101	27	26.7
Churchill										
1	First Nations	3	***	N/A	3	***	N/A	0	***	N/A
	Non-First Nations	12	9	75.0	11	8	72.7	1	***	N/A
	All 1 Year Olds	15	12	80.0	14	11	78.6	1	***	N/A
2	First Nations	4	***	N/A	4	***	N/A	0	***	N/A
	Non-First Nations	12	11	91.7	12	11	91.7	0	***	N/A
	All 2 Year Olds	16	14	87.5	16	14	87.5	0	***	N/A
7	First Nations	4	***	N/A	4	***	N/A	0	***	N/A
	Non-First Nations	19	16	84.2	14	12	85.7	5	***	N/A
	All 7 Year Olds	23	20	87.0	18	16	88.9	5	***	N/A
11	First Nations	5	***	N/A	5	***	N/A	0	***	N/A
	Non-First Nations	9	5	55.6	6	5	83.3	3	***	N/A
	All 11 Year Olds	14	8	57.1	11	8	72.7	3	***	N/A
17	First Nations	4	***	N/A	4	***	N/A	0	***	N/A
	Non-First Nations	7	***	N/A	4	***	N/A	3	***	N/A
	All 17 Year Olds	11	***	N/A	8	***	N/A	3	***	N/A

Report 4 - Complete for Age from Birth for all Immunogens by Region of Residence, 2004-2008

For all residents, continuous residents and non-continuous residents

Note: Coverage rates for children who were complete for age from birth for all immunogens is provided for each separate year from 2004 to 2008. This allows comparison over time.

Age	2004 Residents			2005 Residents			2006 Residents			2007 Residents			2008 Residents		
	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous
MANITOBA															
1 CFA	11,266	11,022	244	11,024	10,830	194	11,019	10,833	186	11,242	11,034	208	11,841	11,591	250
Population	14,138	13,509	629	13,952	13,423	529	14,243	13,711	532	14,774	14,183	591	15,544	14,883	661
Rate per 100	79.7	81.6	38.8	79.0	80.7	36.7	77.4	79.0	35.0	76.1	77.8	35.2	76.2	77.9	37.8
2 CFA	9,554	9,287	267	9,314	9,058	256	6,322	6,169	153	8,415	8,244	171	9,129	8,876	253
Population	14,208	13,205	1,003	14,216	13,218	998	14,045	13,094	951	14,386	13,383	1,003	15,012	13,871	1,141
Rate per 100	67.2	70.3	26.6	65.5	68.5	25.7	45.0	47.1	16.1	58.5	61.6	17.0	60.8	64.0	22.2
7 CFA	9,782	9,164	618	9,536	8,954	582	9,976	9,278	698	10,126	9,432	694	10,271	9,442	829
Population	15,141	12,811	2,330	15,039	12,749	2,290	15,031	12,565	2,466	14,759	12,446	2,313	14,911	12,343	2,568
Rate per 100	64.6	71.5	26.5	63.4	70.2	25.4	66.4	73.8	28.3	68.6	75.8	30.0	68.9	76.5	32.3
11 CFA	9,834	8,838	996	9,821	8,933	888	9,130	8,328	802	8,778	8,012	766	8,345	7,636	709
Population	16,995	13,782	3,213	16,892	13,747	3,145	16,604	13,531	3,073	16,150	12,950	3,200	15,534	12,332	3,202
Rate per 100	57.9	64.1	31.0	58.1	65.1	28.2	55.0	61.5	26.1	54.4	61.9	23.9	53.7	61.9	22.1
17 CFA	8,647	7,591	1,056	8,998	7,861	1,137	6,001	5,309	692	7,380	6,555	825	7,957	7,071	886
Population	16,710	12,953	3,757	16,819	12,952	3,867	17,341	13,429	3,912	17,612	13,574	4,038	17,847	13,589	4,258
Rate per 100	51.7	58.6	28.1	53.5	60.7	29.4	34.6	39.5	17.7	41.9	48.3	20.4	44.6	52.0	20.8
Winnipeg															
1 CFA	5,895	5,826	69	5,735	5,680	55	5,795	5,733	62	5,763	5,684	79	5,970	5,889	81
Population	7,231	6,902	329	7,103	6,810	293	7,214	6,943	271	7,405	7,081	324	7,649	7,295	354
Rate per 100	81.5	84.4	21.0	80.7	83.4	18.8	80.3	82.6	22.9	77.8	80.3	24.4	78.0	80.7	22.9
2 CFA	5,017	4,926	91	4,822	4,743	79	3,515	3,450	65	4,369	4,314	55	4,649	4,554	95
Population	7,266	6,702	564	7,167	6,617	550	7,085	6,559	526	7,235	6,681	554	7,511	6,865	646
Rate per 100	69.0	73.5	16.1	67.3	71.7	14.4	49.6	52.6	12.4	60.4	64.6	9.9	61.9	66.3	14.7
7 CFA	4,615	4,436	179	4,295	4,143	152	4,608	4,413	195	4,838	4,631	207	4,864	4,611	253
Population	7,795	6,487	1,308	7,571	6,254	1,317	7,643	6,250	1,393	7,527	6,236	1,291	7,591	6,132	1,459
Rate per 100	59.2	68.4	13.7	56.7	66.2	11.5	60.3	70.6	14.0	64.3	74.3	16.0	64.1	75.2	17.3
11 CFA	5,013	4,520	493	5,107	4,694	413	4,468	4,143	325	4,244	3,952	292	3,863	3,658	205
Population	8,663	6,831	1,832	8,723	6,933	1,790	8,510	6,785	1,725	8,338	6,513	1,825	8,012	6,176	1,836
Rate per 100	57.9	66.2	26.9	58.5	67.7	23.1	52.5	61.1	18.8	50.9	60.7	16.0	48.2	59.2	11.2
17 CFA	4,141	3,574	567	4,354	3,758	596	2,780	2,432	348	3,513	3,119	394	3,930	3,492	438
Population	8,620	6,359	2,261	8,698	6,405	2,293	8,952	6,661	2,291	9,100	6,756	2,344	9,316	6,785	2,531
Rate per 100	48.0	56.2	25.1	50.1	58.7	26.0	31.1	36.5	15.2	38.6	46.2	16.8	42.2	51.5	17.3
Brandon															
1 CFA	522	508	14	542	529	13	510	492	18	588	566	22	575	559	16
Population	624	589	35	638	612	26	633	595	38	706	668	38	718	679	39
Rate per 100	83.7	86.2	40.0	85.0	86.4	50.0	80.6	82.7	47.4	83.3	84.7	57.9	80.1	82.3	41.0
2 CFA	422	403	19	428	412	16	324	317	7	406	391	15	464	440	24
Population	628	570	58	635	578	57	636	586	50	629	564	65	705	638	67
Rate per 100	67.2	70.7	32.8	67.4	71.3	28.1	50.9	54.1	14.0	64.5	69.3	23.1	65.8	69.0	35.8
7 CFA	440	381	59	422	375	47	431	378	53	428	385	43	375	340	35
Population	592	472	120	605	488	117	578	464	114	586	465	121	544	426	118
Rate per 100	74.3	80.7	49.2	69.8	76.8	40.2	74.6	81.5	46.5	73.0	82.8	35.5	68.9	79.8	29.7
11 CFA	421	353	68	395	357	38	414	354	60	408	351	57	346	298	48
Population	645	476	169	660	506	154	631	463	168	606	455	151	562	412	150
Rate per 100	65.3	74.2	40.2	59.8	70.6	24.7	65.6	76.5	35.7	67.3	77.1	37.7	61.6	72.3	32.0
17 CFA	437	368	69	429	341	88	297	246	51	341	287	54	336	307	29
Population	701	511	190	687	492	195	714	516	198	683	476	207	636	457	179
Rate per 100	62.3	72.0	36.3	62.4	69.3	45.1	41.6	47.7	25.8	49.9	60.3	26.1	52.8	67.2	16.2

Report 4 - Complete for Age from Birth for all Immunogens by Region of Residence, 2004-2008

For all residents, continuous residents and non-continuous residents

Age	2004 Residents			2005 Residents			2006 Residents			2007 Residents			2008 Residents		
	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous
North Eastman															
1 CFA	345	338	7	348	344	***	346	344	***	357	353	***	357	351	6
Population	475	464	11	449	443	***	433	427	***	494	484	***	522	508	14
Rate per 100	72.6	72.8	63.6	77.5	77.7	N/A	79.9	80.6	N/A	72.3	72.9	N/A	68.4	69.1	42.9
2 CFA	283	275	8	280	274	6	188	186	***	237	235	***	286	283	***
Population	470	448	22	476	458	18	455	440	***	460	450	***	495	478	***
Rate per 100	60.2	61.4	36.4	58.8	59.8	33.3	41.3	42.3	N/A	51.5	52.2	N/A	57.8	59.2	N/A
7 CFA	333	319	14	379	359	20	377	354	23	381	369	12	391	370	21
Population	516	479	37	553	514	39	527	485	42	527	497	30	554	503	51
Rate per 100	64.5	66.6	37.8	68.5	69.8	51.3	71.5	73.0	54.8	72.3	74.2	40.0	70.6	73.6	41.2
11 CFA	378	359	19	346	316	30	321	298	23	291	263	28	274	263	11
Population	688	615	73	642	569	73	619	563	56	576	500	76	545	480	65
Rate per 100	54.9	58.4	26.0	53.9	55.5	41.1	51.9	52.9	41.1	50.5	52.6	36.8	50.3	54.8	16.9
17 CFA	293	263	30	329	297	32	196	172	24	211	190	21	231	209	22
Population	631	554	77	595	510	85	648	560	88	639	525	114	649	560	89
Rate per 100	46.4	47.5	39.0	55.3	58.2	37.6	30.2	30.7	27.3	33.0	36.2	18.4	35.6	37.3	24.7
South Eastman															
1 CFA	687	657	30	700	677	23	743	728	15	769	752	17	824	801	23
Population	821	775	46	821	787	34	914	869	45	955	918	37	1,008	969	39
Rate per 100	83.7	84.8	65.2	85.3	86.0	67.6	81.3	83.8	33.3	80.5	81.9	45.9	81.7	82.7	59.0
2 CFA	615	575	40	624	588	36	381	368	13	621	605	16	685	658	27
Population	862	771	91	876	800	76	858	791	67	964	874	90	1,009	925	84
Rate per 100	71.3	74.6	44.0	71.2	73.5	47.4	44.4	46.5	19.4	64.4	69.2	17.8	67.9	71.1	32.1
7 CFA	708	626	82	723	619	104	713	593	120	779	656	123	865	687	178
Population	949	757	192	941	749	192	931	697	234	997	761	236	1,072	798	274
Rate per 100	74.6	82.7	42.7	76.8	82.6	54.2	76.6	85.1	51.3	78.1	86.2	52.1	80.7	86.1	65.0
11 CFA	697	591	106	640	558	82	674	584	90	655	569	86	670	564	106
Population	1,045	797	248	1,018	768	250	1,061	797	264	1,058	769	289	1,072	779	293
Rate per 100	66.7	74.2	42.7	62.9	72.7	32.8	63.5	73.3	34.1	61.9	74.0	29.8	62.5	72.4	36.2
17 CFA	532	458	74	561	480	81	344	305	39	486	409	77	574	496	78
Population	997	750	247	967	722	245	1,039	762	277	1,097	785	312	1,193	838	355
Rate per 100	53.4	61.1	30.0	58.0	66.5	33.1	33.1	40.0	14.1	44.3	52.1	24.7	48.1	59.2	22.0
Interlake															
1 CFA	649	634	15	626	615	11	620	613	7	637	627	10	687	675	12
Population	795	761	34	805	776	29	795	778	17	838	817	21	883	855	28
Rate per 100	81.6	83.3	44.1	77.8	79.3	37.9	78.0	78.8	41.2	76.0	76.7	47.6	77.8	78.9	42.9
2 CFA	559	549	10	525	510	15	335	327	8	457	452	5	513	501	12
Population	847	806	41	808	766	42	824	780	44	812	778	34	861	814	47
Rate per 100	66.0	68.1	24.4	65.0	66.6	35.7	40.7	41.9	18.2	56.3	58.1	14.7	59.6	61.5	25.5
7 CFA	682	644	38	681	663	18	654	621	33	613	595	18	621	589	32
Population	983	868	115	953	877	76	953	841	112	861	784	77	895	802	93
Rate per 100	69.4	74.2	33.0	71.5	75.6	23.7	68.6	73.8	29.5	71.2	75.9	23.4	69.4	73.4	34.4
11 CFA	634	605	29	621	588	33	685	648	37	576	552	24	581	545	36
Population	1,162	1,014	148	1,100	965	135	1,192	1,038	154	1,076	947	129	1,035	900	135
Rate per 100	54.6	59.7	19.6	56.5	60.9	24.4	57.5	62.4	24.0	53.5	58.3	18.6	56.1	60.6	26.7
17 CFA	579	536	43	684	633	51	409	383	26	531	493	38	548	510	38
Population	1,114	962	152	1,197	1,027	170	1,200	1,015	185	1,184	999	185	1,188	1,011	177
Rate per 100	52.0	55.7	28.3	57.1	61.6	30.0	34.1	37.7	14.1	44.8	49.3	20.5	46.1	50.4	21.5

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For all residents, continuous residents and non-continuous residents

Age	2004 Residents			2005 Residents			2006 Residents			2007 Residents			2008 Residents		
	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous
Central															
1 CFA	1,119	1,078	41	1,030	991	39	1,025	1,006	19	1,044	1,021	23	1,084	1,039	45
Population	1,475	1,402	73	1,388	1,334	54	1,490	1,426	64	1,521	1,452	69	1,585	1,497	88
Rate per 100	75.9	76.9	56.2	74.2	74.3	72.2	68.8	70.5	29.7	68.6	70.3	33.3	68.4	69.4	51.1
2 CFA	949	909	40	953	913	40	503	486	17	754	733	21	761	737	24
Population	1,466	1,371	95	1,544	1,419	125	1,428	1,323	105	1,527	1,410	117	1,598	1,453	145
Rate per 100	64.7	66.3	42.1	61.7	64.3	32.0	35.2	36.7	16.2	49.4	52.0	17.9	47.6	50.7	16.6
7 CFA	1,129	1,035	94	1,073	976	97	1,139	1,036	103	1,153	1,015	138	1,188	1,019	169
Population	1,581	1,337	244	1,518	1,281	237	1,552	1,288	264	1,560	1,286	274	1,588	1,295	293
Rate per 100	71.4	77.4	38.5	70.7	76.2	40.9	73.4	80.4	39.0	73.9	78.9	50.4	74.8	78.7	57.7
11 CFA	1,005	886	119	1,036	910	126	979	855	124	937	814	123	1,039	895	144
Population	1,579	1,357	322	1,670	1,358	312	1,654	1,323	331	1,601	1,278	323	1,691	1,339	352
Rate per 100	59.9	65.3	37.0	62.0	67.0	40.4	59.2	64.6	37.5	58.5	63.7	38.1	61.4	66.8	40.9
17 CFA	1,053	953	100	1,065	960	105	720	642	78	922	812	110	995	863	132
Population	1,610	1,308	302	1,626	1,292	334	1,637	1,300	337	1,741	1,345	396	1,822	1,391	431
Rate per 100	65.4	72.9	33.1	65.5	74.3	31.4	44.0	49.4	23.1	53.0	60.4	27.8	54.6	62.0	30.6
Assiniboine															
1 CFA	622	593	29	619	598	21	537	511	26	595	569	26	638	605	33
Population	724	678	46	744	712	32	702	662	40	743	710	33	804	760	44
Rate per 100	85.9	87.5	63.0	83.2	84.0	65.6	76.5	77.2	65.0	80.1	80.1	78.8	79.4	79.6	75.0
2 CFA	507	481	26	521	493	28	307	290	17	441	420	21	475	448	27
Population	705	650	55	722	673	49	742	686	56	716	659	57	744	691	53
Rate per 100	71.9	74.0	47.3	72.2	73.3	57.1	41.4	42.3	30.4	61.6	63.7	36.8	63.8	64.8	50.9
7 CFA	641	578	63	654	605	49	662	602	60	628	560	68	602	550	52
Population	830	691	139	836	726	110	814	694	120	776	653	123	743	627	116
Rate per 100	77.2	83.6	45.3	78.2	83.3	44.5	81.3	86.7	50.0	80.9	85.8	55.3	81.0	87.7	44.8
11 CFA	661	601	60	656	589	67	619	561	58	603	544	59	583	512	71
Population	984	829	155	944	780	164	905	758	147	865	721	144	834	663	171
Rate per 100	67.2	72.5	38.7	69.5	75.5	40.9	68.4	74.0	39.5	69.7	75.5	41.0	69.9	77.2	41.5
17 CFA	672	620	52	686	611	75	551	509	42	572	520	52	587	537	50
Population	1,101	883	218	1,049	831	218	1,069	859	210	1,035	841	194	1,008	821	187
Rate per 100	61.0	70.2	23.9	65.4	73.5	34.4	51.5	59.3	20.0	55.3	61.8	26.8	58.2	65.4	26.7
Parkland															
1 CFA	431	417	14	394	385	9	435	423	12	428	416	12	466	453	13
Population	508	488	20	467	452	15	514	497	17	529	509	20	557	538	19
Rate per 100	84.8	85.5	70.0	84.4	85.2	60.0	84.6	85.1	70.6	80.9	81.7	60.0	83.7	84.2	68.4
2 CFA	373	360	13	376	365	11	236	224	12	362	352	10	379	357	22
Population	505	478	27	506	479	27	484	453	31	516	490	26	529	496	33
Rate per 100	73.9	75.3	48.1	74.3	76.2	40.7	48.8	49.4	38.7	70.2	71.8	38.5	71.6	72.0	66.7
7 CFA	432	392	40	464	417	47	452	404	48	426	382	44	403	364	39
Population	541	467	74	570	485	85	568	491	77	517	451	66	484	421	63
Rate per 100	79.9	83.9	54.1	81.4	86.0	55.3	79.6	82.3	62.3	82.4	84.7	66.7	83.3	86.5	61.9
11 CFA	393	344	49	440	387	53	393	356	37	398	355	43	388	341	47
Population	579	475	104	614	509	105	555	462	93	578	461	117	533	443	90
Rate per 100	67.9	72.4	47.1	71.7	76.0	50.5	70.8	77.1	39.8	68.9	77.0	36.8	72.8	77.0	52.2
17 CFA	449	393	56	413	357	56	310	280	30	373	339	34	357	311	46
Population	642	518	124	597	469	128	618	492	126	668	549	119	630	500	130
Rate per 100	69.9	75.9	45.2	69.2	76.1	43.8	50.2	56.9	23.8	55.8	61.7	28.6	56.7	62.2	35.4

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	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous	No. of Children	Contin-uous	Non-Contin-uous
NOR-MAN															
1 CFA	309	306	***	318	305	13	311	301	10	305	298	7	367	356	11
Population	418	407	***	436	419	19	400	384	16	413	395	18	481	468	13
Rate per 100	73.9	75.2	N/A	72.6	72.8	68.4	77.8	78.4	62.5	73.8	75.4	38.9	76.3	76.1	84.6
2 CFA	289	280	9	262	254	8	181	173	8	246	235	11	256	248	8
Population	432	413	19	406	390	16	439	409	30	402	380	22	405	383	22
Rate per 100	66.9	67.8	47.4	64.5	65.1	50.0	41.2	42.3	26.7	61.2	61.8	50.0	63.2	64.8	36.4
7 CFA	325	294	31	312	281	31	341	307	34	314	292	22	319	294	25
Population	427	374	53	434	374	60	422	373	49	412	366	46	411	364	47
Rate per 100	76.1	78.6	58.5	71.9	75.1	51.7	80.8	82.3	69.4	76.2	79.8	47.8	77.6	80.8	53.2
11 CFA	282	256	26	261	236	25	250	220	30	238	213	25	239	218	21
Population	471	402	69	434	363	71	429	364	65	408	343	65	390	342	48
Rate per 100	59.9	63.7	37.7	60.1	65.0	35.2	58.3	60.4	46.2	58.3	62.1	38.5	61.3	63.7	43.8
17 CFA	232	192	40	212	182	30	209	173	36	219	189	30	197	171	26
Population	426	335	91	390	309	81	445	352	93	457	375	82	427	352	76
Rate per 100	54.5	57.3	44.0	54.4	58.9	37.0	47.0	49.1	38.7	47.9	50.4	36.6	46.1	48.6	34.7
Burntwood															
1 CFA	675	653	22	701	696	5	679	666	13	742	734	8	861	852	9
Population	1,056	1,032	24	1,085	1,065	20	1,126	1,111	15	1,157	1,136	21	1,322	1,300	22
Rate per 100	63.9	63.3	91.7	64.6	65.4	25.0	60.3	59.9	86.7	64.1	64.6	38.1	65.1	65.5	40.9
2 CFA	522	512	10	511	494	17	345	341	***	506	493	13	647	636	11
Population	1,006	978	28	1,063	1,026	37	1,085	1,059	***	1,104	1,079	25	1,139	1,112	27
Rate per 100	51.9	52.4	35.7	48.1	48.1	45.9	31.8	32.2	N/A	45.8	45.7	52.0	56.8	57.2	40.7
7 CFA	464	446	18	524	508	16	589	561	28	562	543	19	623	602	21
Population	909	862	47	1,044	992	52	1,030	973	57	989	941	48	1,006	957	49
Rate per 100	51.0	51.7	38.3	50.2	51.2	30.8	57.2	57.7	49.1	56.8	57.7	39.6	61.9	62.9	42.9
11 CFA	344	318	26	311	293	18	319	302	17	415	387	28	354	334	20
Population	1,063	977	86	1,076	990	86	1,031	965	66	1,028	949	79	846	787	59
Rate per 100	32.4	32.5	30.2	28.9	29.6	20.9	30.9	31.3	25.8	40.4	40.8	35.4	41.8	42.4	33.9
17 CFA	250	227	23	259	236	23	183	165	18	207	193	14	201	174	27
Population	855	764	91	1,002	885	117	1,008	907	101	992	913	79	967	866	101
Rate per 100	29.2	29.7	25.3	25.8	26.7	19.7	18.2	18.2	17.8	20.9	21.1	17.7	20.8	20.1	26.7
Churchill															
1 CFA	12	12	***	11	10	***	18	16	***	14	14	***	12	11	***
Population	11	11	***	14	13	***	22	19	***	13	13	***	15	14	***
Rate per 100	109.1	109.1	N/A	78.6	76.9	N/A	81.8	84.2	N/A	107.7	107.7	N/A	80.0	78.6	N/A
2 CFA	18	17	***	12	12	***	7	7	***	16	14	***	14	14	***
Population	21	18	***	13	12	***	9	8	***	21	18	***	16	16	***
Rate per 100	85.7	94.4	N/A	92.3	100.0	N/A	77.8	87.5	N/A	76.2	77.8	N/A	87.5	87.5	N/A
7 CFA	13	13	***	9	8	***	10	9	***	***	***	***	20	16	***
Population	18	17	***	14	9	***	13	9	***	***	***	***	23	18	***
Rate per 100	72.2	76.5	N/A	64.3	88.9	N/A	76.9	100.0	N/A	N/A	N/A	N/A	87.0	88.9	N/A
11 CFA	6	5	***	8	5	***	8	7	***	13	12	***	8	8	***
Population	16	9	***	11	6	***	17	13	***	16	14	***	14	11	***
Rate per 100	37.5	55.6	N/A	72.7	83.3	N/A	47.1	53.8	N/A	81.3	85.7	N/A	57.1	72.7	N/A
17 CFA	9	7	***	6	6	***	***	***	***	5	***	***	***	***	***
Population	13	9	***	11	10	***	***	***	***	16	***	***	***	***	***
Rate per 100	69.2	77.8	N/A	54.5	60.0	N/A	N/A	N/A	N/A	31.3	N/A	N/A	N/A	N/A	N/A

Report 5 - Childhood Vaccine Doses by Provider Type and Provider Location, 2008

January 1 to December 31, 2008

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	Total Doses
MANITOBA												
Public Health Nurse												
First Nations	289	1,508	7	770	1,699	***	638	459	552	1,489	480	
Non-First Nations	3,220	10,882	58	6,383	30,227	506	5,445	10,506	10,775	10,485	5,860	
Total	3,509	12,390	65	7,153	31,926	507	6,083	10,965	11,327	11,974	6,340	102,239
Percentage of Doses Administered	3.4%	12.1%	0.1%	7.0%	31.2%	0.5%	5.9%	10.7%	11.1%	11.7%	6.2%	39.8%
Physician												
First Nations	293	2,130	20	815	96	7	550	42	22	2,076	633	
Non-First Nations	7,079	32,826	376	15,621	1,831	1,594	9,325	1,053	1,365	32,104	13,337	
Total	7,372	34,956	396	16,436	1,927	1,601	9,875	1,095	1,387	34,180	13,970	123,195
Percentage of Doses Administered	6.0%	28.4%	0.3%	13.3%	1.6%	1.3%	8.0%	0.9%	1.1%	27.7%	11.3%	48.0%
First Nation/Tribal Council												
First Nations	1,100	5,194	46	2,516	2,034	8	1,679	645	633	5,057	642	
Non-First Nations	183	925	***	449	429	***	329	119	133	898	112	
Total	1,283	6,119	50	2,965	2,463	9	2,008	764	766	5,955	754	23,136
Percentage of Doses Administered	5.5%	26.4%	0.2%	12.8%	10.6%	0.0%	8.7%	3.3%	3.3%	25.7%	3.3%	9.0%
Other												
First Nations	80	498	49	263	105	***	141	88	11	492	232	
Non-First Nations	333	1,346	242	765	373	81	438	302	132	1,355	868	
Total	413	1,844	291	1,028	478	81	579	390	143	1,847	1,100	8,194
Percentage of Doses Administered	5.0%	22.5%	3.6%	12.5%	5.8%	1.0%	7.1%	4.8%	1.7%	22.5%	13.4%	3.2%
Total for MANITOBA	12,577	55,309	802	27,582	36,794	2,198	18,545	13,214	13,623	53,956	22,164	256,764
Winnipeg												
Public Health Nurse												
First Nations	17	16	***	23	667	***	31	99	212	15	47	
Non-First Nations	87	194	***	271	15,748	275	878	4,945	5,567	180	1,424	
Total	104	210	***	294	16,415	276	909	5,044	5,779	195	1,471	30,701
Percentage of Doses Administered	0.3%	0.7%	N/A	1.0%	53.5%	0.9%	3.0%	16.4%	18.8%	0.6%	4.8%	21.6%
Physician												
First Nations	265	1,763	16	699	96	5	462	39	22	1,716	599	
Non-First Nations	6,090	27,005	305	13,227	1,779	1,421	7,805	1,020	1,319	26,492	12,271	
Total	6,355	28,768	321	13,926	1,875	1,426	8,267	1,059	1,341	28,208	12,870	104,416
Percentage of Doses Administered	6.1%	27.6%	0.3%	13.3%	1.8%	1.4%	7.9%	1.0%	1.3%	27.0%	12.3%	73.5%
Other												
First Nations	78	472	5	234	85	***	128	83	11	467	226	
Non-First Nations	281	1,218	44	628	297	42	357	262	54	1,220	763	
Total	359	1,690	49	862	382	42	485	345	65	1,687	989	6,955
Percentage of Doses Administered	5.2%	24.3%	0.7%	12.4%	5.5%	0.6%	7.0%	5.0%	0.9%	24.3%	14.2%	4.9%
Total for Winnipeg	6,818	30,668	374	15,082	18,672	1,744	9,661	6,448	7,185	30,090	15,330	142,072

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown

Report 5 - Childhood Vaccine Doses by Provider Type and Provider Location, 2008

January 1 to December 31, 2008

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	Total Doses
Brandon												
Public Health Nurse												
First Nations	30	153	***	80	75	***	71	24	26	147	30	
Non-First Nations	212	900	***	458	1,288	33	402	516	442	898	414	
Total	242	1,053	***	538	1,363	33	473	540	468	1,045	444	6,202
Percentage of Doses Administered	3.9%	17.0%	N/A	8.7%	22.0%	0.5%	7.6%	8.7%	7.5%	16.8%	7.2%	51.8%
Physician												
First Nations	14	139	***	52	***	***	39	***	***	136	14	
Non-First Nations	319	1,680	21	740	8	39	541	***	***	1,655	354	
Total	333	1,819	23	792	8	39	580	***	***	1,791	368	5,758
Percentage of Doses Administered	5.8%	31.6%	0.4%	13.8%	0.1%	0.7%	10.1%	N/A	N/A	31.1%	6.4%	48.1%
Other												
First Nations	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	6	***	***	***	***	9	***	***	***	
Total	***	***	7	***	***	***	***	10	***	***	***	20
Percentage of Doses Administered	N/A	N/A	35.0%	N/A	N/A	N/A	N/A	50.0%	N/A	N/A	N/A	0.2%
Total for Brandon	576	2,872	33	1,330	1,372	72	1,053	553	470	2,836	813	11,980
North Eastman												
Public Health Nurse												
First Nations	19	82	***	47	80	***	19	17	26	80	19	
Non-First Nations	128	385	***	248	902	12	150	363	322	381	224	
Total	147	467	***	295	982	12	169	380	348	461	243	3,507
Percentage of Doses Administered	4.2%	13.3%	N/A	8.4%	28.0%	0.3%	4.8%	10.8%	9.9%	13.1%	6.9%	55.5%
Physician												
First Nations	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	48	111	10	86	5	11	42	***	***	106	40	
Total	48	111	10	86	5	11	42	***	***	106	43	467
Percentage of Doses Administered	10.3%	23.8%	2.1%	18.4%	1.1%	2.4%	9.0%	N/A	N/A	22.7%	9.2%	7.4%
First Nation/Tribal Council												
First Nations	96	469	***	218	238	***	148	82	39	469	186	
Non-First Nations	17	86	***	50	60	***	38	8	13	86	19	
Total	113	555	***	268	298	***	186	90	52	555	205	2,326
Percentage of Doses Administered	4.9%	23.9%	N/A	11.5%	12.8%	N/A	8.0%	3.9%	2.2%	23.9%	8.8%	36.8%
Other												
First Nations	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	13	***	***	***	***	***	***	***	***	
Total	***	***	17	***	***	***	***	***	***	***	***	20
Percentage of Doses Administered	N/A	N/A	85.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.3%
Total for North Eastman	309	1,133	33	649	1,285	24	397	474	401	1,122	493	6,320

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown

Report 5 - Childhood Vaccine Doses by Provider Type and Provider Location, 2008

January 1 to December 31, 2008

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	Total Doses
South Eastman												
Public Health Nurse												
First Nations	***	11	***	10	29	***	6	5	10	11	***	
Non-First Nations	471	1,171	9	844	2,268	***	525	967	846	1,144	503	
Total	473	1,182	9	854	2,297	***	531	972	856	1,155	507	8,839
Percentage of Doses Administered	5.4%	13.4%	0.1%	9.7%	26.0%	N/A	6.0%	11.0%	9.7%	13.1%	5.7%	65.0%
Physician												
First Nations	***	16	***	***	***	***	***	***	***	15	***	
Non-First Nations	214	1,675	17	571	8	21	365	***	35	1,668	87	
Total	214	1,691	17	573	8	21	367	***	35	1,683	90	4,703
Percentage of Doses Administered	4.6%	36.0%	0.4%	12.2%	0.2%	0.4%	7.8%	N/A	0.7%	35.8%	1.9%	34.6%
Other												
First Nations	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	37	***	6	***	***	***	***	***	***	
Total	***	***	37	***	6	***	***	***	***	***	***	50
Percentage of Doses Administered	N/A	N/A	74.0%	N/A	12.0%	N/A	N/A	N/A	N/A	N/A	N/A	0.4%
Total for South Eastman	697	2,874	63	1,428	2,311	26	898	978	891	2,838	598	13,592
Interlake												
Public Health Nurse												
First Nations	13	37	***	26	101	***	32	30	43	36	24	
Non-First Nations	164	478	5	280	2,149	13	384	787	882	444	395	
Total	177	515	5	306	2,250	13	416	817	925	480	419	6,323
Percentage of Doses Administered	2.8%	8.1%	0.1%	4.8%	35.6%	0.2%	6.6%	12.9%	14.6%	7.6%	6.6%	57.8%
Physician												
First Nations	7	19	***	14	***	***	6	***	***	17	5	
Non-First Nations	174	750	10	391	14	11	234	19	***	697	201	
Total	181	769	10	405	14	11	240	21	***	714	206	2,573
Percentage of Doses Administered	7.0%	29.9%	0.4%	15.7%	0.5%	0.4%	9.3%	0.8%	N/A	27.7%	8.0%	23.5%
First Nation/Tribal Council												
First Nations	92	421	***	217	173	***	105	77	54	401	58	
Non-First Nations	18	121	***	51	26	***	24	19	9	117	***	
Total	110	542	***	268	199	***	129	96	63	518	62	1,987
Percentage of Doses Administered	5.5%	27.3%	N/A	13.5%	10.0%	N/A	6.5%	4.8%	3.2%	26.1%	3.1%	18.2%
Other												
First Nations	***	***	8	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	42	***	***	***	***	***	***	***	***	
Total	***	***	50	***	***	***	***	***	***	***	***	51
Percentage of Doses Administered	N/A	N/A	98.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.5%
Total for Interlake	469	1,826	65	979	2,463	24	785	934	990	1,712	687	10,934

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown

Report 5 - Childhood Vaccine Doses by Provider Type and Provider Location, 2008

January 1 to December 31, 2008

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	Total Doses
Central												
Public Health Nurse												
First Nations	20	83	***	69	141	***	50	36	42	78	31	
Non-First Nations	928	3,087	14	1,766	3,324	78	1,168	1,325	1,170	2,851	854	
Total	948	3,170	14	1,835	3,465	78	1,218	1,361	1,212	2,929	885	17,115
Percentage of Doses Administered	5.5%	18.5%	0.1%	10.7%	20.2%	0.5%	7.1%	8.0%	7.1%	17.1%	5.2%	78.3%
Physician												
First Nations	***	112	***	24	***	***	21	***	***	110	***	
Non-First Nations	131	903	6	341	***	29	172	***	***	873	259	
Total	132	1,015	6	365	***	29	193	***	***	983	261	2,989
Percentage of Doses Administered	4.4%	34.0%	0.2%	12.2%	N/A	1.0%	6.5%	N/A	N/A	32.9%	8.7%	13.7%
First Nation/Tribal Council												
First Nations	74	382	***	181	120	***	143	21	55	362	29	
Non-First Nations	19	86	***	42	33	***	27	6	9	82	16	
Total	93	468	***	223	153	***	170	27	64	444	45	1,688
Percentage of Doses Administered	5.5%	27.7%	N/A	13.2%	9.1%	N/A	10.1%	1.6%	3.8%	26.3%	2.7%	7.7%
Other												
First Nations	***	***	9	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	31	***	***	***	***	***	***	***	21	
Total	***	***	40	***	***	***	***	***	***	***	21	65
Percentage of Doses Administered	N/A	N/A	61.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	32.3%	0.3%
Total for Central	1,174	4,653	60	2,424	3,620	108	1,581	1,389	1,280	4,356	1,212	21,857
Assiniboine												
Public Health Nurse												
First Nations	5	41	***	20	62	***	21	15	24	38	8	
Non-First Nations	526	1,824	***	991	1,953	***	726	683	623	1,743	541	
Total	531	1,865	***	1,011	2,015	***	747	698	647	1,781	549	9,847
Percentage of Doses Administered	5.4%	18.9%	N/A	10.3%	20.5%	N/A	7.6%	7.1%	6.6%	18.1%	5.6%	82.3%
Physician												
First Nations	***	6	***	***	***	***	***	***	***	6	***	
Non-First Nations	45	266	***	105	13	35	37	***	***	185	50	
Total	45	272	***	106	13	35	37	***	***	191	51	757
Percentage of Doses Administered	5.9%	35.9%	N/A	14.0%	1.7%	4.6%	4.9%	N/A	N/A	25.2%	6.7%	6.3%
First Nation/Tribal Council												
First Nations	67	280	***	123	122	***	62	24	20	282	55	
Non-First Nations	13	66	***	29	25	***	19	7	8	66	17	
Total	80	346	***	152	147	***	81	31	28	348	72	1,286
Percentage of Doses Administered	6.2%	26.9%	N/A	11.8%	11.4%	N/A	6.3%	2.4%	2.2%	27.1%	5.6%	10.8%
Other												
First Nations	***	***	7	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	36	***	***	11	***	***	***	***	9	
Total	***	***	43	***	***	11	***	***	***	***	9	72
Percentage of Doses Administered	N/A	N/A	59.7%	N/A	N/A	15.3%	N/A	N/A	N/A	N/A	12.5%	0.6%
Total for Assiniboine	657	2,483	49	1,270	2,177	47	865	736	676	2,321	681	11,962

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown

Report 5 - Childhood Vaccine Doses by Provider Type and Provider Location, 2008

January 1 to December 31, 2008

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	Total Doses
Parkland												
Public Health Nurse												
First Nations	33	226	***	91	145	***	95	64	47	224	16	
Non-First Nations	282	996	10	560	1,275	21	466	438	406	990	425	
Total	315	1,222	10	651	1,420	21	561	502	453	1,214	441	6,810
Percentage of Doses Administered	4.6%	17.9%	0.1%	9.6%	20.9%	0.3%	8.2%	7.4%	6.7%	17.8%	6.5%	68.4%
Physician												
First Nations	6	71	***	21	***	***	19	***	***	72	6	
Non-First Nations	54	419	***	154	***	25	126	***	***	413	66	
Total	60	490	***	175	***	27	145	***	***	485	72	1,460
Percentage of Doses Administered	4.1%	33.6%	N/A	12.0%	N/A	1.8%	9.9%	N/A	N/A	33.2%	4.9%	14.7%
First Nation/Tribal Council												
First Nations	58	246	***	122	151	7	109	71	52	239	76	
Non-First Nations	24	121	***	55	78	***	54	33	25	120	14	
Total	82	367	***	177	229	7	163	104	77	359	90	1,656
Percentage of Doses Administered	5.0%	22.2%	N/A	10.7%	13.8%	0.4%	9.8%	6.3%	4.6%	21.7%	5.4%	16.6%
Other												
First Nations	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	13	***	***	***	***	8	***	***	***	
Total	***	***	15	***	***	***	***	9	***	***	***	27
Percentage of Doses Administered	N/A	N/A	55.6%	N/A	N/A	N/A	N/A	33.3%	N/A	N/A	N/A	0.3%
Total for Parkland	457	2,079	30	1,006	1,650	55	869	615	531	2,058	603	9,953
NOR-MAN												
Public Health Nurse												
First Nations	73	443	***	190	182	***	147	83	43	442	102	
Non-First Nations	195	800	5	408	693	14	338	246	229	801	531	
Total	268	1,243	5	598	875	14	485	329	272	1,243	633	5,965
Percentage of Doses Administered	4.5%	20.8%	0.1%	10.0%	14.7%	0.2%	8.1%	5.5%	4.6%	20.8%	10.6%	79.1%
Physician												
First Nations	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	***	***	***	***	***	***	***	***	5	
Total	***	***	***	***	***	***	***	***	***	***	5	7
Percentage of Doses Administered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	71.4%	0.1%
First Nation/Tribal Council												
First Nations	77	373	***	180	116	***	92	28	26	361	***	
Non-First Nations	13	83	***	53	25	***	36	7	6	78	***	
Total	90	456	***	233	141	***	128	35	32	439	***	1,556
Percentage of Doses Administered	5.8%	29.3%	N/A	15.0%	9.1%	N/A	8.2%	2.2%	2.1%	28.2%	N/A	20.6%
Other												
First Nations	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	***	***	***	***	***	***	5	***	***	***	
Total	***	***	8	***	***	***	***	7	***	***	***	17
Percentage of Doses Administered	N/A	N/A	47.1%	N/A	N/A	N/A	N/A	41.2%	N/A	N/A	N/A	0.2%
Total for NOR-MAN	359	1,701	15	832	1,016	14	613	371	304	1,682	638	7,545

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown.

Report 5 - Childhood Vaccine Doses by Provider Type and Provider Location, 2008

January 1 to December 31, 2008

Provider	DTaP-IPV	DTaP-IPV-HIB	Td	MMR	HBV	HEPA/B	V	Tdap	MC	PCV7	Flu	Total Doses
Burntwood												
Public Health Nurse												
First Nations	72	406	5	201	211	***	153	79	76	408	194	
Non-First Nations	204	869	***	455	559	49	339	211	206	875	509	
Total	276	1,275	8	656	770	49	492	290	282	1,283	703	6,084
Percentage of Doses Administered	4.5%	21.0%	0.1%	10.8%	12.7%	0.8%	8.1%	4.8%	4.6%	21.1%	11.6%	32.3%
Physician												
First Nations	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	8	***	***	***	***	***	***	***	8	***	
Total	***	12	***	6	***	***	***	***	***	12	***	41
Percentage of Doses Administered	N/A	29.3%	N/A	14.6%	N/A	N/A	N/A	N/A	N/A	29.3%	N/A	0.2%
First Nation/Tribal Council												
First Nations	636	3,023	40	1,475	1,114	***	1,020	342	387	2,943	238	
Non-First Nations	79	362	***	169	182	***	131	39	63	349	42	
Total	715	3,385	43	1,644	1,296	***	1,151	381	450	3,292	280	12,637
Percentage of Doses Administered	5.7%	26.8%	0.3%	13.0%	10.3%	N/A	9.1%	3.0%	3.6%	26.1%	2.2%	67.1%
Other												
First Nations	***	***	9	11	19	***	***	***	***	***	***	
Non-First Nations	***	***	10	***	9	***	***	***	***	***	***	
Total	***	***	19	13	28	***	***	***	***	***	***	61
Percentage of Doses Administered	N/A	N/A	31.1%	21.3%	45.9%	N/A	N/A	N/A	N/A	N/A	N/A	0.3%
Total for Burntwood	994	4,672	71	2,319	2,094	51	1,647	672	732	4,587	984	18,823
Churchill												
Public Health Nurse												
First Nations	***	7	***	9	6	***	10	7	***	7	5	
Non-First Nations	9	52	***	17	20	***	16	8	8	52	17	
Total	13	59	***	26	26	***	26	15	9	59	22	255
Percentage of Doses Administered	5.1%	23.1%	N/A	10.2%	10.2%	N/A	10.2%	5.9%	3.5%	23.1%	8.6%	100.0%
Total for Churchill	13	59	***	26	26	***	26	15	9	59	22	255
Unknown												
Physician												
First Nations	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	***	8	***	***	***	***	***	***	***	7	***	
Total	***	8	***	***	***	***	***	***	***	7	***	24
Percentage of Doses Administered	N/A	33.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	29.2%	N/A	8.2%
Other												
First Nations	***	20	***	11	***	***	10	***	***	19	***	
Non-First Nations	14	56	***	30	5	***	21	***	***	55	13	
Total	16	76	***	41	5	***	31	5	***	74	16	267
Percentage of Doses Administered	6.0%	28.5%	N/A	15.4%	1.9%	N/A	11.6%	1.9%	N/A	27.7%	6.0%	91.8%
Total for Unknown	16	84	***	43	7	***	31	5	***	81	20	291
Non-Manitoba												
Public Health Nurse												
First Nations	***	***	***	***	***	***	***	***	***	***	***	
Non-First Nations	14	126	***	85	48	7	53	17	74	126	23	
Total	15	129	***	89	48	7	56	17	76	129	23	591
Percentage of Doses Administered	2.5%	21.8%	N/A	15.1%	8.1%	1.2%	9.5%	2.9%	12.9%	21.8%	3.9%	50.1%
Other												
First Nations	***	5	***	***	***	***	***	***	***	6	***	
Non-First Nations	33	71	5	101	52	26	60	7	76	79	57	
Total	33	76	5	105	53	26	63	7	76	85	60	589
Percentage of Doses Administered	5.6%	12.9%	0.8%	17.8%	9.0%	4.4%	10.7%	1.2%	12.9%	14.4%	10.2%	49.9%
Total for Non-Manitoba	48	205	7	194	101	33	119	24	152	214	83	1,180

NOTE: "Other" providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown

5. Influenza and Pneumococcal Reports

Report 6 - Influenza and Pneumococcal (PPV23) Coverage Report, by Client Age and Region of Residence 2008

Note: For pneumococcal immunizations, the data are analyzed twice: the first dataset includes only those doses administered during 2008; the second dataset includes all recorded pneumococcal doses ever recorded in MIMS and is presented as a cumulative coverage rate. The cumulative data is important as the eligible population is recommended to have one dose.

January 1 to December 31, 2008

	Influenza						Pneumococcal (PPV23) (2008)			Pneumococcal (PPV23) (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
MANITOBA												
First Nations												
Count	553	1,223	4,916	2,464	6,692	944	271	376	115	2,399	3,514	1,394
Population	6,073	29,516	45,225	8,889	80,814	3,013	8,889	80,814	3,013	8,889	80,814	3,013
Rate per 100	9.1	4.1	10.9	27.7	8.3	31.3	3.0	0.5	3.8	27.0	4.3	46.3
Non-First Nations												
Count	6,071	11,297	91,376	18,770	108,744	97,137	1,065	3,389	8,531	6,449	26,365	106,491
Population	30,786	207,574	708,909	104,198	947,269	167,887	104,198	947,269	167,887	104,198	947,269	167,887
Rate per 100	19.7	5.4	12.9	18.0	11.5	57.9	1.0	0.4	5.1	6.2	2.8	63.4
Total												
Count	6,624	12,520	96,292	21,234	115,436	98,081	1,336	3,765	8,646	8,848	29,879	107,885
Population	36,859	237,090	754,134	113,087	1,028,083	170,900	113,087	1,028,083	170,900	113,087	1,028,083	170,900
Rate per 100	18.0	5.3	12.8	18.8	11.2	57.4	1.2	0.4	5.1	7.8	2.9	63.1
Winnipeg												
First Nations												
Count	317	372	1,442	604	2,131	217	48	133	32	293	849	254
Population	1,418	7,045	10,933	2,133	19,396	469	2,133	19,396	469	2,133	19,396	469
Rate per 100	22.4	5.3	13.2	28.3	11.0	46.3	2.3	0.7	6.8	13.7	4.4	54.2
Non-First Nations												
Count	4,437	6,879	56,208	9,076	67,524	58,367	447	2,134	5,433	2,532	15,777	63,461
Population	16,788	114,614	429,681	61,718	561,083	97,608	61,718	561,083	97,608	61,718	561,083	97,608
Rate per 100	26.4	6.0	13.1	14.7	12.0	59.8	0.7	0.4	5.6	4.1	2.8	65.0
Total												
Count	4,754	7,251	57,650	9,680	69,655	58,584	495	2,267	5,465	2,825	16,626	63,715
Population	18,206	121,659	440,614	63,851	580,479	98,077	63,851	580,479	98,077	63,851	580,479	98,077
Rate per 100	26.1	6.0	13.1	15.2	12.0	59.7	0.8	0.4	5.6	4.4	2.9	65.0
Brandon												
First Nations												
Count	14	23	127	27	164	10	***	7	***	11	31	15
Population	167	642	1,048	203	1,857	31	203	1,857	31	203	1,857	31
Rate per 100	8.4	3.6	12.1	13.3	8.8	32.3	N/A	0.4	N/A	5.4	1.7	48.4
Non-First Nations												
Count	195	477	4,096	474	4,768	4,511	28	225	980	180	1,239	4,950
Population	1,532	8,299	31,494	4,545	41,325	7,328	4,545	41,325	7,328	4,545	41,325	7,328
Rate per 100	12.7	5.7	13.0	10.4	11.5	61.6	0.6	0.5	13.4	4.0	3.0	67.5
Total												
Count	209	500	4,223	501	4,932	4,521	31	232	984	191	1,270	4,965
Population	1,699	8,941	32,542	4,748	43,182	7,359	4,748	43,182	7,359	4,748	43,182	7,359
Rate per 100	12.3	5.6	13.0	10.6	11.4	61.4	0.7	0.5	13.4	4.0	2.9	67.5

Report 6 - Influenza and Pneumococcal (PPV23) Coverage Report, by Client Age and Region of Residence 2008

January 1 to December 31, 2008

	Influenza						Pneumococcal (PPV23) (2008)			Pneumococcal (PPV23) (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
North Eastman												
First Nations												
Count	35	170	245	165	450	37	9	12	***	80	133	98
Population	425	2,292	3,399	673	6,116	265	673	6,116	265	673	6,116	265
Rate per 100	8.2	7.4	7.2	24.5	7.4	14.0	1.3	0.2	N/A	11.9	2.2	37.0
Non-First Nations												
Count	117	284	2,822	669	3,223	3,043	46	98	259	338	843	3,474
Population	808	6,284	21,839	3,182	28,931	5,682	3,182	28,931	5,682	3,182	28,931	5,682
Rate per 100	14.5	4.5	12.9	21.0	11.1	53.6	1.4	0.3	4.6	10.6	2.9	61.1
Total												
Count	152	454	3,067	834	3,673	3,080	55	110	261	418	976	3,572
Population	1,233	8,576	25,238	3,855	35,047	5,947	3,855	35,047	5,947	3,855	35,047	5,947
Rate per 100	12.3	5.3	12.2	21.6	10.5	51.8	1.4	0.3	4.4	10.8	2.8	60.1
South Eastman												
First Nations												
Count	***	***	12	5	16	***	***	***	***	10	14	***
Population	26	115	195	37	336	5	37	336	5	37	336	5
Rate per 100	N/A	N/A	6.2	13.5	4.8	N/A	N/A	N/A	N/A	27.0	4.2	N/A
Non-First Nations												
Count	251	605	3,845	981	4,701	3,650	52	124	246	218	950	4,005
Population	2,444	15,910	39,593	6,374	57,947	7,095	6,374	57,947	7,095	6,374	57,947	7,095
Rate per 100	10.3	3.8	9.7	15.4	8.1	51.4	0.8	0.2	3.5	3.4	1.6	56.4
Total												
Count	254	606	3,857	986	4,717	3,653	53	125	246	228	964	4,008
Population	2,470	16,025	39,788	6,411	58,283	7,100	6,411	58,283	7,100	6,411	58,283	7,100
Rate per 100	10.3	3.8	9.7	15.4	8.1	51.5	0.8	0.2	3.5	3.6	1.7	56.5
Interlake												
First Nations												
Count	24	69	271	128	364	73	15	20	9	96	170	163
Population	368	2,035	3,900	694	6,303	389	694	6,303	389	694	6,303	389
Rate per 100	6.5	3.4	6.9	18.4	5.8	18.8	2.2	0.3	2.3	13.8	2.7	41.9
Non-First Nations												
Count	277	644	5,817	1,558	6,738	6,701	65	204	464	520	1,949	7,497
Population	1,720	13,095	44,283	6,501	59,098	11,800	6,501	59,098	11,800	6,501	59,098	11,800
Rate per 100	16.1	4.9	13.1	24.0	11.4	56.8	1.0	0.3	3.9	8.0	3.3	63.5
Total												
Count	301	713	6,088	1,686	7,102	6,774	80	224	473	616	2,119	7,660
Population	2,088	15,130	48,183	7,195	65,401	12,189	7,195	65,401	12,189	7,195	65,401	12,189
Rate per 100	14.4	4.7	12.6	23.4	10.9	55.6	1.1	0.3	3.9	8.6	3.2	62.8

Report 6 - Influenza and Pneumococcal (PPV23) Coverage Report, by Client Age and Region of Residence 2008

January 1 to December 31, 2008

	Influenza						Pneumococcal (PPV23) (2008)			Pneumococcal (PPV23) (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
Central												
First Nations												
Count	21	37	315	147	373	56	18	20	5	101	161	70
Population	430	2,051	3,016	605	5,497	179	605	5,497	179	605	5,497	179
Rate per 100	4.9	1.8	10.4	24.3	6.8	31.3	3.0	0.4	2.8	16.7	2.9	39.1
Non-First Nations												
Count	337	825	5,973	1,307	7,135	7,552	51	132	422	261	1,227	7,935
Population	3,431	22,784	58,693	9,341	84,908	14,105	9,341	84,908	14,105	9,341	84,908	14,105
Rate per 100	9.8	3.6	10.2	14.0	8.4	53.5	0.5	0.2	3.0	2.8	1.4	56.3
Total												
Count	358	862	6,288	1,454	7,508	7,608	69	152	427	362	1,388	8,005
Population	3,861	24,835	61,709	9,946	90,405	14,284	9,946	90,405	14,284	9,946	90,405	14,284
Rate per 100	9.3	3.5	10.2	14.6	8.3	53.3	0.7	0.2	3.0	3.6	1.5	56.0
Assiniboine												
First Nations												
Count	5	56	288	172	349	81	10	11	7	47	87	81
Population	251	1,177	2,049	383	3,477	185	383	3,477	185	383	3,477	185
Rate per 100	2.0	4.8	14.1	44.9	10.0	43.8	2.6	0.3	3.8	12.3	2.5	43.8
Non-First Nations												
Count	124	496	5,078	1,639	5,698	7,493	95	145	387	753	1,707	8,380
Population	1,611	11,458	37,649	5,579	50,718	13,439	5,579	50,718	13,439	5,579	50,718	13,439
Rate per 100	7.7	4.3	13.5	29.4	11.2	55.8	1.7	0.3	2.9	13.5	3.4	62.4
Total												
Count	129	552	5,366	1,811	6,047	7,574	105	156	394	800	1,794	8,461
Population	1,862	12,635	39,698	5,962	54,195	13,624	5,962	54,195	13,624	5,962	54,195	13,624
Rate per 100	6.9	4.4	13.5	30.4	11.2	55.6	1.8	0.3	2.9	13.4	3.3	62.1
Parkland												
First Nations												
Count	25	72	312	198	409	74	18	22	***	104	191	74
Population	292	1,494	2,310	450	4,096	143	450	4,096	143	450	4,096	143
Rate per 100	8.6	4.8	13.5	44.0	10.0	51.7	4.0	0.5	N/A	23.1	4.7	51.7
Non-First Nations												
Count	99	338	3,071	1,289	3,508	4,281	105	142	203	533	1,167	4,985
Population	1,029	6,710	21,608	3,228	29,347	7,983	3,228	29,347	7,983	3,228	29,347	7,983
Rate per 100	9.6	5.0	14.2	39.9	12.0	53.6	3.3	0.5	2.5	16.5	4.0	62.4
Total												
Count	124	410	3,383	1,487	3,917	4,355	123	164	206	637	1,358	5,059
Population	1,321	8,204	23,918	3,678	33,443	8,126	3,678	33,443	8,126	3,678	33,443	8,126
Rate per 100	9.4	5.0	14.1	40.4	11.7	53.6	3.3	0.5	2.5	17.3	4.1	62.3

Report 6 - Influenza and Pneumococcal (PPV23) Coverage Report, by Client Age and Region of Residence 2008

January 1 to December 31, 2008

	Influenza						Pneumococcal (PPV23) (2008)			Pneumococcal (PPV23) (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
NOR-MAN												
First Nations												
Count	27	79	214	159	320	38	11	12	5	101	161	97
Population	485	2,343	3,157	658	5,985	201	658	5,985	201	658	5,985	201
Rate per 100	5.6	3.4	6.8	24.2	5.3	18.9	1.7	0.2	2.5	15.3	2.7	48.3
Non-First Nations												
Count	126	350	2,101	879	2,577	1,110	107	112	105	541	736	1,318
Population	583	3,816	11,526	1,752	15,925	1,979	1,752	15,925	1,979	1,752	15,925	1,979
Rate per 100	21.6	9.2	18.2	50.2	16.2	56.1	6.1	0.7	5.3	30.9	4.6	66.6
Total												
Count	153	429	2,315	1,038	2,897	1,148	118	124	110	642	897	1,415
Population	1,068	6,159	14,683	2,410	21,910	2,180	2,410	21,910	2,180	2,410	21,910	2,180
Rate per 100	14.3	7.0	15.8	43.1	13.2	52.7	4.9	0.6	5.0	26.6	4.1	64.9
Burntwood												
First Nations												
Count	81	339	1,669	848	2,089	347	136	136	48	1,552	1,713	529
Population	2,203	10,273	15,133	3,037	27,609	1,134	3,037	27,609	1,134	3,037	27,609	1,134
Rate per 100	3.7	3.3	11.0	27.9	7.6	30.6	4.5	0.5	4.2	51.1	6.2	46.6
Non-First Nations												
Count	104	390	2,269	854	2,763	405	67	71	31	566	751	456
Population	810	4,448	12,006	1,898	17,264	811	1,898	17,264	811	1,898	17,264	811
Rate per 100	12.8	8.8	18.9	45.0	16.0	49.9	3.5	0.4	3.8	29.8	4.4	56.2
Total												
Count	185	729	3,938	1,702	4,852	752	203	207	79	2,118	2,464	985
Population	3,013	14,721	27,139	4,935	44,873	1,945	4,935	44,873	1,945	4,935	44,873	1,945
Rate per 100	6.1	5.0	14.5	34.5	10.8	38.7	4.1	0.5	4.1	42.9	5.5	50.6
Churchill												
First Nations												
Count	***	5	21	11	27	8	***	***	***	***	***	10
Population	8	49	85	16	142	12	16	142	12	16	142	12
Rate per 100	N/A	10.2	24.7	68.8	19.0	66.7	N/A	N/A	N/A	N/A	N/A	83.3
Non-First Nations												
Count	***	9	96	44	109	24	***	***	***	7	19	30
Population	30	156	537	80	723	57	80	723	57	80	723	57
Rate per 100	N/A	5.8	17.9	55.0	15.1	42.1	N/A	N/A	N/A	8.8	2.6	52.6
Total												
Count	5	14	117	55	136	32	***	***	***	11	23	40
Population	38	205	622	96	865	69	96	865	69	96	865	69
Rate per 100	13.2	6.8	18.8	57.3	15.7	46.4	N/A	N/A	N/A	11.5	2.7	58.0

Report 7 - Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2008

January 1 to December 31, 2008

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
MANITOBA								
Public Health Nurse								
First Nations	Doses	110	931	854	***	***	***	1,897
	%	0.1	0.4	0.4	N/A	N/A	N/A	0.9
Non-First Nations	Doses	7,079	43,344	17,529	***	50	***	68,006
	%	3.2	19.8	8.0	N/A	0.0	N/A	31.1
TOTAL	Doses	7,189	44,275	18,383	6	50	***	69,903
	%	3.3	20.2	8.4	0.0	0.0	N/A	31.9
Physician								
First Nations	Doses	***	52	8	1,810	***	***	1,870
	%	N/A	0.0	0.0	0.8	N/A	N/A	0.9
Non-First Nations	Doses	***	657	34	111,213	***	***	111,908
	%	N/A	0.3	0.0	50.8	N/A	N/A	51.1
TOTAL	Doses	***	709	42	113,023	***	***	113,778
	%	N/A	0.3	0.0	51.7	N/A	N/A	52.0
First Nation/Tribal Council								
First Nations	Doses	298	1,639	1,340	***	***	***	3,280
	%	0.1	0.7	0.6	N/A	N/A	N/A	1.5
Non-First Nations	Doses	108	319	341	***	***	***	768
	%	0.0	0.1	0.2	N/A	N/A	N/A	0.4
TOTAL	Doses	406	1,958	1,681	***	***	***	4,048
	%	0.2	0.9	0.8	N/A	N/A	N/A	1.8
Other								
First Nations	Doses	94	672	100	***	8	***	874
	%	0.0	0.3	0.0	N/A	0.0	N/A	0.4
Non-First Nations	Doses	10,975	14,026	2,850	***	2,354	***	30,208
	%	5.0	6.4	1.3	N/A	1.1	N/A	13.8
TOTAL	Doses	11,069	14,698	2,950	***	2,362	***	31,082
	%	5.1	6.7	1.3	N/A	1.1	N/A	14.2
Total		Doses	18,668	61,640	23,056	113,032	2,414	218,811
		%	8.5	28.2	10.5	51.7	1.1	100.0
WINNIPEG								
Public Health Nurse								
First Nations	Doses	19	120	137	***	***	***	276
	%	0.0	0.1	0.1	N/A	N/A	N/A	0.2
Non-First Nations	Doses	1,905	11,921	6,191	***	14	***	20,031
	%	1.4	9.0	4.6	N/A	0.0	N/A	15.0
TOTAL	Doses	1,924	12,041	6,328	***	14	***	20,307
	%	1.4	9.0	4.8	N/A	0.0	N/A	15.2
Physician								
First Nations	Doses	***	52	8	1,533	***	***	1,593
	%	N/A	0.0	0.0	1.2	N/A	N/A	1.2
Non-First Nations	Doses	***	620	25	91,162	***	***	91,811
	%	N/A	0.5	0.0	68.5	N/A	N/A	68.9
TOTAL	Doses	***	672	33	92,695	***	***	93,404
	%	N/A	0.5	0.0	69.6	N/A	N/A	70.1
Other								
First Nations	Doses	48	471	88	***	***	***	611
	%	0.0	0.4	0.1	N/A	N/A	N/A	0.5
Non-First Nations	Doses	9,016	7,287	1,410	***	1,142	***	18,855
	%	6.8	5.5	1.1	N/A	0.9	N/A	14.2
TOTAL	Doses	9,064	7,758	1,498	***	1,146	***	19,466
	%	6.8	5.8	1.1	N/A	0.9	N/A	14.6
Total		Doses	10,992	20,471	7,859	92,695	1,160	133,177
		%	8.3	15.4	5.9	69.6	0.9	100.0

Report 7 - Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2008

January 1 to December 31, 2008

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
BRANDON								
Public Health Nurse	First Nations	Doses	8	26	156	***	***	190
		%	0.1	0.2	1.5	N/A	N/A	1.8
Non-First Nations		Doses	931	1,287	1,344	***	***	3,563
		%	8.9	12.3	12.9	N/A	N/A	34.1
TOTAL		Doses	939	1,313	1,500	***	***	3,753
		%	9.0	12.6	14.3	N/A	N/A	35.9
Physician								
First Nations		Doses	***	***	69	***	***	69
		%	N/A	N/A	0.7	N/A	N/A	0.7
Non-First Nations		Doses	***	***	6,042	***	***	6,043
		%	N/A	N/A	57.8	N/A	N/A	57.8
TOTAL		Doses	***	***	6,111	***	***	6,112
		%	N/A	N/A	58.4	N/A	N/A	58.4
Other								
First Nations		Doses	***	19	***	***	***	22
		%	N/A	0.2	N/A	N/A	N/A	0.2
Non-First Nations		Doses	44	525	***	***	***	570
		%	0.4	5.0	N/A	N/A	N/A	5.5
TOTAL		Doses	47	544	***	***	***	592
		%	0.4	5.2	N/A	N/A	N/A	5.7
Total		Doses	986	1,858	1,500	6,112	***	10,457
		%	9.4	17.8	14.3	58.4	N/A	100.0
NORTH EASTMAN								
Public Health Nurse	First Nations	Doses	5	39	36	***	***	80
		%	0.1	0.7	0.7	N/A	N/A	1.5
Non-First Nations		Doses	384	2,528	854	***	***	3,766
		%	7.1	46.4	15.7	N/A	N/A	69.2
TOTAL		Doses	389	2,567	890	***	***	3,846
		%	7.1	47.2	16.4	N/A	N/A	70.7
Physician								
First Nations		Doses	***	***	6	***	***	6
		%	N/A	N/A	0.1	N/A	N/A	0.1
Non-First Nations		Doses	***	***	1,012	***	***	1,012
		%	N/A	N/A	18.6	N/A	N/A	18.6
TOTAL		Doses	***	***	1,018	***	***	1,018
		%	N/A	N/A	18.7	N/A	N/A	18.7
First Nation/Tribal Council								
First Nations		Doses	14	149	221	***	***	385
		%	0.3	2.7	4.1	N/A	N/A	7.1
Non-First Nations		Doses	5	20	54	***	***	79
		%	0.1	0.4	1.0	N/A	N/A	1.5
TOTAL		Doses	19	169	275	***	***	464
		%	0.3	3.1	5.1	N/A	N/A	8.5
Other								
First Nations		Doses	***	5	***	***	***	5
		%	N/A	0.1	N/A	N/A	N/A	0.1
Non-First Nations		Doses	***	106	***	***	***	110
		%	N/A	1.9	N/A	N/A	N/A	2.0
TOTAL		Doses	***	111	***	***	***	115
		%	N/A	2.0	N/A	N/A	N/A	2.1
Total		Doses	410	2,847	1,167	1,018	***	5,443
		%	7.5	52.3	21.4	18.7	N/A	100.0

Report 7 - Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2008

January 1 to December 31, 2008

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
SOUTH EASTMAN								
Public Health Nurse	First Nations	Doses	***	6	***	***	***	10
		%	N/A	0.1	N/A	N/A	N/A	0.1
Non-First Nations		Doses	554	3,308	1,335	***	***	5,198
		%	8.2	49.1	19.8	N/A	N/A	77.1
TOTAL		Doses	554	3,314	1,339	***	***	5,208
		%	8.2	49.2	19.9	N/A	N/A	77.3
Physician								
First Nations		Doses	***	***	***	***	***	***
		%	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	7	***	***	***	1,248
		%	N/A	0.1	N/A	18.4	N/A	18.5
TOTAL		Doses	***	7	***	1,244	***	1,251
		%	N/A	0.1	N/A	18.5	N/A	18.6
Other								
First Nations		Doses	***	***	***	***	***	***
		%	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	276	***	***	***	280
		%	N/A	4.1	N/A	N/A	N/A	4.2
TOTAL		Doses	***	278	***	***	***	282
		%	N/A	4.1	N/A	N/A	N/A	4.2
Total		Doses	558	3,599	1,339	1,245	***	6,741
		%	8.3	53.4	19.9	18.5	N/A	100.0
INTERLAKE								
Public Health Nurse	First Nations	Doses	7	37	20	***	***	64
		%	0.1	0.4	0.2	N/A	N/A	0.6
Non-First Nations		Doses	317	4,394	1,076	***	***	5,787
		%	3.0	41.9	10.3	N/A	N/A	55.2
TOTAL		Doses	324	4,431	1,096	***	***	5,851
		%	3.1	42.3	10.5	N/A	N/A	55.8
Physician								
First Nations		Doses	***	***	***	50	***	50
		%	N/A	N/A	N/A	0.5	N/A	0.5
Non-First Nations		Doses	***	***	***	3,572	***	3,572
		%	N/A	N/A	N/A	34.1	N/A	34.1
TOTAL		Doses	***	***	***	3,622	***	3,622
		%	N/A	N/A	N/A	34.6	N/A	34.6
First Nation/Tribal Council								
First Nations		Doses	13	88	111	***	***	213
		%	0.1	0.8	1.1	N/A	N/A	2.0
Non-First Nations		Doses	***	21	21	***	***	43
		%	N/A	0.2	0.2	N/A	N/A	0.4
TOTAL		Doses	14	109	132	***	***	256
		%	0.1	1.0	1.3	N/A	N/A	2.4
Other								
First Nations		Doses	***	21	***	***	***	23
		%	N/A	0.2	N/A	N/A	N/A	0.2
Non-First Nations		Doses	312	413	***	***	***	729
		%	3.0	3.9	N/A	N/A	N/A	7.0
TOTAL		Doses	314	434	***	***	***	752
		%	3.0	4.1	N/A	N/A	N/A	7.2
Total		Doses	652	4,974	1,232	3,623	***	10,481
		%	6.2	47.5	11.8	34.6	N/A	100.0

Report 7 - Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2008

January 1 to December 31, 2008

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
CENTRAL								
Public Health Nurse								
First Nations	Doses	***	91	35	***	***	***	127
	%	N/A	0.6	0.2	N/A	N/A	N/A	0.9
Non-First Nations	Doses	338	4,148	1,950	***	***	***	6,438
	%	2.3	28.6	13.4	N/A	N/A	N/A	44.3
TOTAL	Doses	338	4,239	1,985	***	***	***	6,565
	%	2.3	29.2	13.7	N/A	N/A	N/A	45.2
Physician								
First Nations	Doses	***	***	***	70	***	***	70
	%	N/A	N/A	N/A	0.5	N/A	N/A	0.5
Non-First Nations	Doses	***	***	***	5,313	***	***	5,314
	%	N/A	N/A	N/A	36.6	N/A	N/A	36.6
TOTAL	Doses	***	***	***	5,383	***	***	5,384
	%	N/A	N/A	N/A	37.1	N/A	N/A	37.1
First Nation/Tribal Council								
First Nations	Doses	6	131	120	***	***	***	257
	%	0.0	0.9	0.8	N/A	N/A	N/A	1.8
Non-First Nations	Doses	13	24	77	***	***	***	114
	%	0.1	0.2	0.5	N/A	N/A	N/A	0.8
TOTAL	Doses	19	155	197	***	***	***	371
	%	0.1	1.1	1.4	N/A	N/A	N/A	2.6
Other								
First Nations	Doses	13	41	***	***	***	***	57
	%	0.1	0.3	N/A	N/A	N/A	N/A	0.4
Non-First Nations	Doses	1,050	1,019	71	***	***	***	2,140
	%	7.2	7.0	0.5	N/A	N/A	N/A	14.7
TOTAL	Doses	1,063	1,060	74	***	***	***	2,197
	%	7.3	7.3	0.5	N/A	N/A	N/A	15.1
Total	Doses	1,420	5,455	2,256	5,385	***	***	14,517
	%	9.8	37.6	15.5	37.1	N/A	N/A	100.0

Report 7 - Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2008

January 1 to December 31, 2008

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
ASSINIBOINE								
Public Health Nurse	First Nations	Doses	***	20	11	***	***	34
		%	N/A	0.2	0.1	N/A	N/A	0.3
Non-First Nations		Doses	1,390	7,861	1,701	***	***	10,953
		%	10.8	60.9	13.2	N/A	N/A	84.8
TOTAL		Doses	1,393	7,881	1,712	***	***	10,987
		%	10.8	61.0	13.3	N/A	N/A	85.1
Physician	First Nations	Doses	***	***	5	***	***	5
		%	N/A	N/A	0.0	N/A	N/A	0.0
Non-First Nations		Doses	***	13	6	1,278	***	1,297
		%	N/A	0.1	0.0	9.9	N/A	10.0
TOTAL		Doses	***	13	6	1,283	***	1,302
		%	N/A	0.1	0.0	9.9	N/A	10.1
First Nation/Tribal Council	First Nations	Doses	18	237	103	***	***	358
		%	0.1	1.8	0.8	N/A	N/A	2.8
Non-First Nations		Doses	10	77	16	***	***	103
		%	0.1	0.6	0.1	N/A	N/A	0.8
TOTAL		Doses	28	314	119	***	***	461
		%	0.2	2.4	0.9	N/A	N/A	3.6
Other	First Nations	Doses	***	***	***	***	***	***
		%	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	19	7	***	135	161
		%	N/A	0.1	0.1	N/A	1.0	1.2
TOTAL		Doses	***	20	7	***	135	162
		%	N/A	0.2	0.1	N/A	1.0	1.3
Total		Doses	1,421	8,228	1,844	1,284	135	12,912
		%	11.0	63.7	14.3	9.9	1.0	100.0
PARKLAND								
Public Health Nurse	First Nations	Doses	18	109	24	***	***	151
		%	0.2	1.3	0.3	N/A	N/A	1.8
Non-First Nations		Doses	845	4,791	833	***	***	6,469
		%	9.9	56.2	9.8	N/A	N/A	75.9
TOTAL		Doses	863	4,900	857	***	***	6,620
		%	10.1	57.5	10.1	N/A	N/A	77.6
Physician	First Nations	Doses	***	***	69	***	***	69
		%	N/A	N/A	0.8	N/A	N/A	0.8
Non-First Nations		Doses	***	15	***	1,434	***	1,452
		%	N/A	0.2	N/A	16.8	N/A	17.0
TOTAL		Doses	***	15	***	1,503	***	1,521
		%	N/A	0.2	N/A	17.6	N/A	17.8
First Nation/Tribal Council	First Nations	Doses	20	179	92	***	***	291
		%	0.2	2.1	1.1	N/A	N/A	3.4
Non-First Nations		Doses	7	55	33	***	***	95
		%	0.1	0.6	0.4	N/A	N/A	1.1
TOTAL		Doses	27	234	125	***	***	386
		%	0.3	2.7	1.5	N/A	N/A	4.5
Total		Doses	890	5,149	985	1,503	***	8,527
		%	10.4	60.4	11.6	17.6	N/A	100.0

Report 7 - Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2008

January 1 to December 31, 2008

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
NOR-MAN								
Public Health Nurse	First Nations	Doses	7	179	140	***	***	326
		%	0.2	4.3	3.4	N/A	N/A	7.9
Non-First Nations		Doses	98	1,910	1,195	***	34	3,237
		%	2.4	46.0	28.8	N/A	0.8	78.0
TOTAL		Doses	105	2,089	1,335	***	34	3,563
		%	2.5	50.3	32.2	N/A	0.8	85.8
Physician								
First Nations		Doses	***	***	***	***	***	***
		%	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	***	***	113	***	113
		%	N/A	N/A	N/A	2.7	N/A	2.7
TOTAL		Doses	***	***	***	117	***	117
		%	N/A	N/A	N/A	2.8	N/A	2.8
Other								
First Nations		Doses	9	18	***	***	***	27
		%	0.2	0.4	N/A	N/A	N/A	0.7
Non-First Nations		Doses	274	115	55	***	***	444
		%	6.6	2.8	1.3	N/A	N/A	10.7
TOTAL		Doses	283	133	55	***	***	471
		%	6.8	3.2	1.3	N/A	N/A	11.3
Total		Doses	388	2,222	1,390	117	34	4,151
		%	9.3	53.5	33.5	2.8	0.8	100.0
BURNTWOOD								
Public Health Nurse	First Nations	Doses	33	283	286	***	***	603
		%	0.6	5.3	5.4	N/A	N/A	11.4
Non-First Nations		Doses	262	1,102	1,027	***	***	2,392
		%	5.0	20.8	19.4	N/A	N/A	45.2
TOTAL		Doses	295	1,385	1,313	***	***	2,995
		%	5.6	26.2	24.8	N/A	N/A	56.6
Physician								
First Nations		Doses	***	***	***	***	***	***
		%	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	***	***	24	***	24
		%	N/A	N/A	N/A	0.5	N/A	0.5
TOTAL		Doses	***	***	***	25	***	25
		%	N/A	N/A	N/A	0.5	N/A	0.5
First Nation/Tribal Council								
First Nations		Doses	227	855	693	***	***	1,776
		%	4.3	16.2	13.1	N/A	N/A	33.6
Non-First Nations		Doses	72	122	140	***	***	334
		%	1.4	2.3	2.6	N/A	N/A	6.3
TOTAL		Doses	299	977	833	***	***	2,110
		%	5.7	18.5	15.7	N/A	N/A	39.9
Other								
First Nations		Doses	16	8	***	***	***	24
		%	0.3	0.2	N/A	N/A	N/A	0.5
Non-First Nations		Doses	129	***	***	***	***	136
		%	2.4	N/A	N/A	N/A	N/A	2.6
TOTAL		Doses	145	12	***	***	***	160
		%	2.7	0.2	N/A	N/A	N/A	3.0
Total		Doses	739	2,374	2,148	26	***	5,290
		%	14.0	44.9	40.6	0.5	N/A	100.0

Report 7 - Influenza Vaccine Doses by Reason for Immunization, Provider Type and Provider Location, 2008

January 1 to December 31, 2008

		Health Care Worker	High Risk	Household Contact	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
CHURCHILL								
Public Health Nurse	First Nations	Doses	10	21	5	***	***	36
		%	5.4	11.4	2.7	N/A	N/A	19.6
Non-First Nations		Doses	53	73	22	***	***	148
		%	28.8	39.7	12.0	N/A	N/A	80.4
TOTAL		Doses	63	94	27	***	***	184
		%	34.2	51.1	14.7	N/A	N/A	100.0
Total		Doses	63	94	27	***	***	184
		%	34.2	51.1	14.7	N/A	N/A	100.0
Unknown								
Physician	First Nations	Doses	***	***	***	***	***	***
		%	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	***	***	22	***	22
		%	N/A	N/A	N/A	5.9	N/A	5.9
TOTAL		Doses	***	***	***	22	***	22
		%	N/A	N/A	N/A	5.9	N/A	5.9
Other	First Nations	Doses	***	41	***	***	***	44
		%	N/A	11.0	N/A	N/A	N/A	11.8
Non-First Nations		Doses	12	267	25	***	***	307
		%	3.2	71.6	6.7	N/A	N/A	82.3
TOTAL		Doses	13	308	27	***	***	351
		%	3.5	82.6	7.2	N/A	N/A	94.1
Total		Doses	13	308	27	24	***	373
		%	3.5	82.6	7.2	6.4	N/A	100.0
Non-Manitoba								
Public Health Nurse	First Nations	Doses	***	***	***	***	***	***
		%	N/A	N/A	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	21	***	***	***	24
		%	N/A	0.3	N/A	N/A	N/A	0.4
TOTAL		Doses	***	21	***	***	***	24
		%	N/A	0.3	N/A	N/A	N/A	0.4
Other	First Nations	Doses	***	45	7	***	***	58
		%	N/A	0.7	0.1	N/A	N/A	0.9
Non-First Nations		Doses	132	3,995	1,274	***	1,075	6,476
		%	2.0	60.9	19.4	N/A	16.4	98.7
TOTAL		Doses	134	4,040	1,281	***	1,079	6,534
		%	2.0	61.6	19.5	N/A	16.5	99.6
Total		Doses	136	4,061	1,282	***	1,079	6,558
		%	2.1	61.9	19.5	N/A	16.5	100.0

Report 8 - Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2008

January 1 to December 31, 2008

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
MANITOBA						
Public Health Nurse						
First Nations	Doses	62	***	***	***	62
	%	0.5	N/A	N/A	N/A	0.5
Non-First Nations	Doses	2,703	***	***	***	2,704
	%	21.7	N/A	N/A	N/A	21.7
TOTAL	Doses	2,765	***	***	***	2,766
	%	22.2	N/A	N/A	N/A	22.2
Physician						
First Nations	Doses	***	137	***	***	138
	%	N/A	1.1	N/A	N/A	1.1
Non-First Nations	Doses	49	8,338	***	***	8,387
	%	0.4	66.8	N/A	N/A	67.2
TOTAL	Doses	50	8,475	***	***	8,525
	%	0.4	67.9	N/A	N/A	68.3
First Nation/Tribal Council						
First Nations	Doses	239	***	***	***	239
	%	1.9	N/A	N/A	N/A	1.9
Non-First Nations	Doses	44	***	***	***	44
	%	0.4	N/A	N/A	N/A	0.4
TOTAL	Doses	283	***	***	***	283
	%	2.3	N/A	N/A	N/A	2.3
Other						
First Nations	Doses	55	***	***	***	55
	%	0.4	N/A	N/A	N/A	0.4
Non-First Nations	Doses	849	***	5	***	854
	%	6.8	N/A	0.0	N/A	6.8
TOTAL	Doses	904	***	5	***	909
	%	7.2	N/A	0.0	N/A	7.3
Total	Doses	4,002	8,475	5	***	12,483
	%	32.1	67.9	0.0	N/A	100.0
WINNIPEG						
Public Health Nurse						
First Nations	Doses	21	***	***	***	21
	%	0.3	N/A	N/A	N/A	0.3
Non-First Nations	Doses	1,029	***	***	***	1,029
	%	12.7	N/A	N/A	N/A	12.7
TOTAL	Doses	1,050	***	***	***	1,050
	%	12.9	N/A	N/A	N/A	12.9
Physician						
First Nations	Doses	***	108	***	***	109
	%	N/A	1.3	N/A	N/A	1.3
Non-First Nations	Doses	21	6,295	***	***	6,316
	%	0.3	77.4	N/A	N/A	77.6
TOTAL	Doses	22	6,403	***	***	6,425
	%	0.3	78.7	N/A	N/A	79.0
Other						
First Nations	Doses	30	***	***	***	30
	%	0.4	N/A	N/A	N/A	0.4
Non-First Nations	Doses	629	***	***	***	629
	%	7.7	N/A	N/A	N/A	7.7
TOTAL	Doses	659	***	***	***	659
	%	8.1	N/A	N/A	N/A	8.1
Total	Doses	1,731	6,403	***	***	8,134
	%	21.3	78.7	N/A	N/A	100.0

Report 8 - Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2008

January 1 to December 31, 2008

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
BRANDON						
Public Health Nurse						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	75	***	***	***	76
	%	5.5	N/A	N/A	N/A	5.6
TOTAL	Doses	79	***	***	***	80
	%	5.8	N/A	N/A	N/A	5.9
Physician						
First Nations	Doses	***	12	***	***	12
	%	N/A	0.9	N/A	N/A	0.9
Non-First Nations	Doses	***	1,225	***	***	1,225
	%	N/A	90.1	N/A	N/A	90.1
TOTAL	Doses	***	1,237	***	***	1,237
	%	N/A	91.0	N/A	N/A	91.0
Other						
First Nations	Doses	6	***	***	***	6
	%	0.4	N/A	N/A	N/A	0.4
Non-First Nations	Doses	36	***	***	***	36
	%	2.6	N/A	N/A	N/A	2.6
TOTAL	Doses	42	***	***	***	42
	%	3.1	N/A	N/A	N/A	3.1
Total	Doses	121	1,237	***	***	1,359
	%	8.9	91.0	N/A	N/A	100.0
NORTH EASTMAN						
Public Health Nurse						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	190	***	***	***	190
	%	72.2	N/A	N/A	N/A	72.2
TOTAL	Doses	190	***	***	***	190
	%	72.2	N/A	N/A	N/A	72.2
Physician						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	49	***	***	50
	%	N/A	18.6	N/A	N/A	19.0
TOTAL	Doses	***	49	***	***	50
	%	N/A	18.6	N/A	N/A	19.0
First Nation/Tribal Council						
First Nations	Doses	8	***	***	***	8
	%	3.0	N/A	N/A	N/A	3.0
Non-First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
TOTAL	Doses	9	***	***	***	9
	%	3.4	N/A	N/A	N/A	3.4
Other						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	14	***	***	***	14
	%	5.3	N/A	N/A	N/A	5.3
TOTAL	Doses	14	***	***	***	14
	%	5.3	N/A	N/A	N/A	5.3
Total	Doses	214	49	***	***	263
	%	81.4	18.6	N/A	N/A	100.0

Report 8 - Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2008

January 1 to December 31, 2008

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
SOUTH EASTMAN						
Public Health Nurse						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	176	***	***	***	176
	%	59.1	N/A	N/A	N/A	59.1
TOTAL	Doses	177	***	***	***	177
	%	59.4	N/A	N/A	N/A	59.4
Physician						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	8	92	***	***	100
	%	2.7	30.9	N/A	N/A	33.6
TOTAL	Doses	8	92	***	***	100
	%	2.7	30.9	N/A	N/A	33.6
Other						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	21	***	***	***	21
	%	7.0	N/A	N/A	N/A	7.0
TOTAL	Doses	21	***	***	***	21
	%	7.0	N/A	N/A	N/A	7.0
Total	Doses	206	92	***	***	298
	%	69.1	30.9	N/A	N/A	100.0
INTERLAKE						
Public Health Nurse						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	239	***	***	***	239
	%	41.3	N/A	N/A	N/A	41.3
TOTAL	Doses	240	***	***	***	240
	%	41.5	N/A	N/A	N/A	41.5
Physician						
First Nations	Doses	***	11	***	***	11
	%	N/A	1.9	N/A	N/A	1.9
Non-First Nations	Doses	***	296	***	***	296
	%	N/A	51.1	N/A	N/A	51.1
TOTAL	Doses	***	307	***	***	307
	%	N/A	53.0	N/A	N/A	53.0
First Nation/Tribal Council						
First Nations	Doses	15	***	***	***	15
	%	2.6	N/A	N/A	N/A	2.6
Non-First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
TOTAL	Doses	17	***	***	***	17
	%	2.9	N/A	N/A	N/A	2.9
Other						
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	15	***	***	***	15
	%	2.6	N/A	N/A	N/A	2.6
TOTAL	Doses	15	***	***	***	15
	%	2.6	N/A	N/A	N/A	2.6
Total	Doses	272	307	***	***	579
	%	47.0	53.0	N/A	N/A	100.0

Report 8 - Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2008

January 1 to December 31, 2008

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
CENTRAL						
Public Health Nurse	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	140	***	***	140
		%	31.4	N/A	N/A	31.4
TOTAL		Doses	140	***	***	140
		%	31.4	N/A	N/A	31.4
Physician						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	8	241	***	249
		%	1.8	54.0	N/A	55.8
TOTAL		Doses	8	243	***	251
		%	1.8	54.5	N/A	56.3
First Nation/Tribal Council						
First Nations		Doses	19	***	***	19
		%	4.3	N/A	N/A	4.3
Non-First Nations		Doses	5	***	***	5
		%	1.1	N/A	N/A	1.1
TOTAL		Doses	24	***	***	24
		%	5.4	N/A	N/A	5.4
Other						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	29	***	***	29
		%	6.5	N/A	N/A	6.5
TOTAL		Doses	31	***	***	31
		%	7.0	N/A	N/A	7.0
Total		Doses	203	243	***	446
		%	45.5	54.5	N/A	100.0
ASSINIBOINE						
Public Health Nurse	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	329	***	***	329
		%	78.1	N/A	N/A	78.1
TOTAL		Doses	329	***	***	329
		%	78.1	N/A	N/A	78.1
Physician						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	63	***	64
		%	N/A	15.0	N/A	15.2
TOTAL		Doses	***	63	***	64
		%	N/A	15.0	N/A	15.2
First Nation/Tribal Council						
First Nations		Doses	16	***	***	16
		%	3.8	N/A	N/A	3.8
Non-First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
TOTAL		Doses	20	***	***	20
		%	4.8	N/A	N/A	4.8
Other						
First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	7	***	***	8
		%	1.7	N/A	N/A	1.9
TOTAL		Doses	7	***	***	8
		%	1.7	N/A	N/A	1.9
Total		Doses	357	63	***	421
		%	84.8	15.0	N/A	100.0

Report 8 - Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2008

January 1 to December 31, 2008

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
PARKLAND						
Public Health Nurse	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	257	***	***	257
		%	69.6	N/A	N/A	69.6
TOTAL		Doses	257	***	***	257
		%	69.6	N/A	N/A	69.6
Physician	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	10	74	***	84
		%	2.7	20.1	N/A	22.8
TOTAL		Doses	10	78	***	88
		%	2.7	21.1	N/A	23.8
First Nation/Tribal Council	First Nations	Doses	18	***	***	18
		%	4.9	N/A	N/A	4.9
Non-First Nations		Doses	5	***	***	5
		%	1.4	N/A	N/A	1.4
TOTAL		Doses	23	***	***	23
		%	6.2	N/A	N/A	6.2
Other	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
TOTAL		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Total		Doses	291	78	***	369
		%	78.9	21.1	N/A	100.0
NOR-MAN						
Public Health Nurse	First Nations	Doses	11	***	***	11
		%	5.0	N/A	N/A	5.0
Non-First Nations		Doses	190	***	***	190
		%	86.0	N/A	N/A	86.0
TOTAL		Doses	201	***	***	201
		%	91.0	N/A	N/A	91.0
Physician	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
TOTAL		Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Other	First Nations	Doses	***	***	***	***
		%	N/A	N/A	N/A	N/A
Non-First Nations		Doses	16	***	***	16
		%	7.2	N/A	N/A	7.2
TOTAL		Doses	18	***	***	18
		%	8.1	N/A	N/A	8.1
Total		Doses	219	***	***	221
		%	99.1	N/A	N/A	100.0

Report 8 - Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2008

January 1 to December 31, 2008

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
BURNTWOOD						
Public Health Nurse	First Nations	Doses 22 7.5	*** N/A	*** N/A	*** N/A	22 7.5
	Non-First Nations	Doses 71 24.1	*** N/A	*** N/A	*** N/A	71 24.1
TOTAL		Doses 93 31.6	*** N/A	*** N/A	*** N/A	93 31.6
Physician	First Nations	Doses *** N/A	*** N/A	*** N/A	*** N/A	*** N/A
	Non-First Nations	Doses *** N/A	*** N/A	*** N/A	*** N/A	*** N/A
TOTAL		Doses *** N/A	*** N/A	*** N/A	*** N/A	*** N/A
First Nation/Tribal Council	First Nations	Doses 163 55.4	*** N/A	*** N/A	*** N/A	163 55.4
	Non-First Nations	Doses 27 9.2	*** N/A	*** N/A	*** N/A	27 9.2
TOTAL		Doses 190 64.6	*** N/A	*** N/A	*** N/A	190 64.6
Other	First Nations	Doses 7 2.4	*** N/A	*** N/A	*** N/A	7 2.4
	Non-First Nations	Doses *** N/A	*** N/A	*** N/A	*** N/A	*** N/A
TOTAL		Doses 10 3.4	*** N/A	*** N/A	*** N/A	10 3.4
Total		Doses 293 99.7	*** N/A	*** N/A	*** N/A	294 100.0
CHURCHILL						
Public Health Nurse	First Nations	Doses *** N/A	*** N/A	*** N/A	*** N/A	*** N/A
	Non-First Nations	Doses *** N/A	*** N/A	*** N/A	*** N/A	*** N/A
TOTAL		Doses 5 100.0	*** N/A	*** N/A	*** N/A	5 100.0
Total		Doses 5 100.0	*** N/A	*** N/A	*** N/A	5 100.0
Unknown						
Other	First Nations	Doses *** N/A	*** N/A	*** N/A	*** N/A	*** N/A
	Non-First Nations	Doses 24 88.9	*** N/A	*** N/A	*** N/A	24 88.9
TOTAL		Doses 27 100.0	*** N/A	*** N/A	*** N/A	27 100.0
Total		Doses 27 100.0	*** N/A	*** N/A	*** N/A	27 100.0

Report 8 - Pneumococcal Vaccine Doses by Reason for Immunization, Provider Type and Location, 2008

January 1 to December 31, 2008

		High Risk	No Reason Given	No Risk Identified	Outbreak Immunization	Total Doses
Non-Manitoba						
Public Health Nurse	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Non-First Nations	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
TOTAL	Doses	***	***	***	***	***
	%	N/A	N/A	N/A	N/A	N/A
Other						
First Nations	Doses	5	***	***	***	5
	%	7.5	N/A	N/A	N/A	7.5
Non-First Nations	Doses	54	***	***	***	58
	%	80.6	N/A	N/A	N/A	86.6
TOTAL	Doses	59	***	***	***	63
	%	88.1	N/A	N/A	N/A	94.0
Total	Doses	63	***	***	***	67
	%	94.0	N/A	N/A	N/A	100.0

Appendix 1

Manitoba's Routine Immunization Schedule for Infants and Children

Age	DaPTP*	Hib	MMR**	HBV	Tdap	PCV7	PPV23	MC	MP	V	Flu****
2 months	X	X				X					
4 months	X	X				X					
6 months	X	X				X					X***
12 months			X							X	
18 months	X	X				X					
4 to 6 years	X		X							X	
10 years				XXX				X		X	
14 to 16 years					X						

DaPTP* Diphtheria, acellular Pertussis, Tetanus, Polio (given as "one needle" with Hib)

Hib Haemophilus Influenzae B

MMR** Measles, Mumps, Rubella (given as "one needle" on or after the first birthday)

HBV Hepatitis B (3-dose series)

Tdap Tetanus, diphtheria, acellular pertussis (given as "one needle")

PCV7 Pneumococcal conjugate 7 valent

PPV23 Pneumococcal polysaccharide 23 valent

MC Meningococcal conjugate

MP Meningococcal polysaccharide A,C,Y,W-135

V Varicella

Flu Influenza

*** More than one dose may be required depending on age.

**** Given to healthy children (six to 23 months of age) starting fall 2004.

Appendix 2

Map of Manitoba's Regional Health Authorities

